

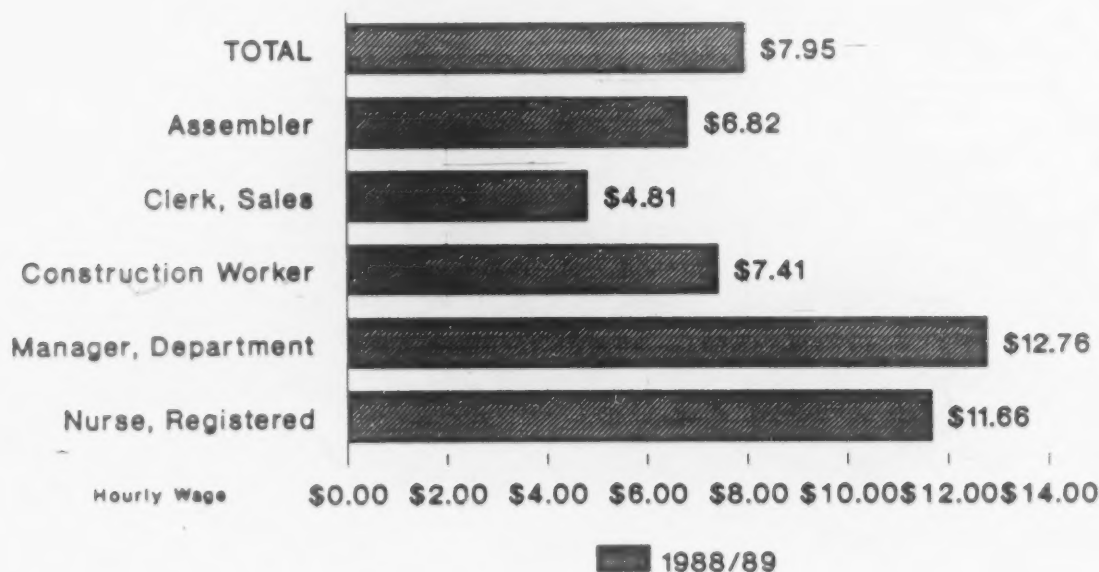
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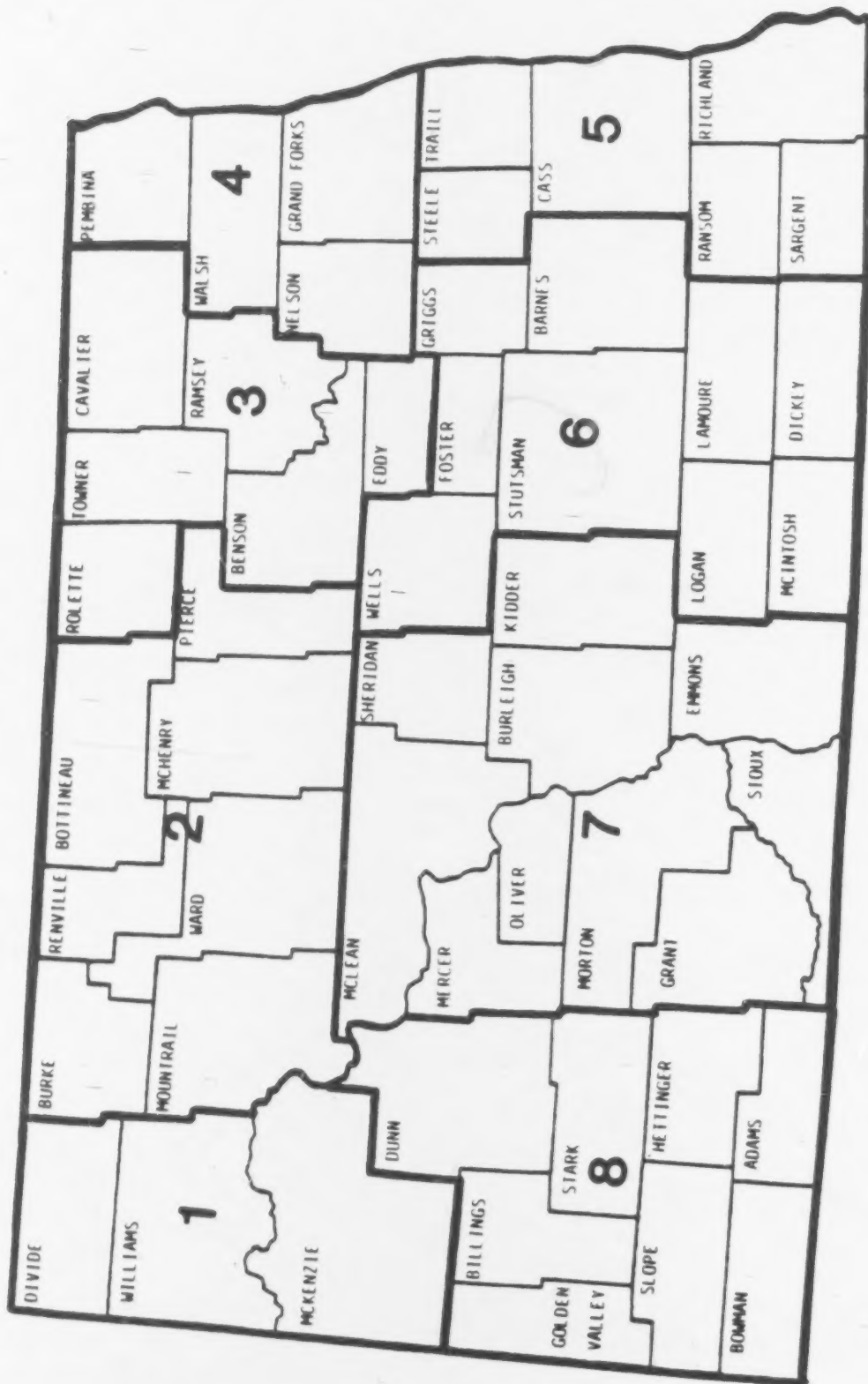
The North Dakota Labor Market Advisor

NORTH DAKOTA AVERAGE WAGE BY OCCUPATION BASED ON 1988/89 WAGE & BENEFIT SURVEY



NORTH DAKOTA STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.



**THE
NORTH DAKOTA
LABOR MARKET ADVISOR**

June, 1990

**GEORGE A. SINNER, GOVERNOR
STATE OF NORTH DAKOTA**

Job Service North Dakota
1000 East Divide
Bismarck, North Dakota 58501

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A Monthly Publication Prepared by
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North Dakota Wage and Benefit Surveys

Since 1984, Job Service North Dakota has been conducting wage and benefit surveys on a two-year rotating basis. Following is a list of the areas that have been surveyed in the last two years, along with the publication date for each of the surveys.

Devils Lake 1988	September 1988
Jamestown 1988	November 1988
Valley City 1988	December 1988

Grand Forks 1989	April 1989
Bismarck-Mandan 1989	May 1989
Rolette County 1989	June 1989
Wahpeton 1989	July 1989
Mercer County 1989	August 1989
Fargo-West Fargo 1989	November 1989

Grafton 1990	January 1990
Williston 1990	May 1990
Minot 1990	June 1990
Dickinson 1990	July 1990

The purpose of these surveys is to gather sufficient data to publish the wages and benefits offered by area employers. In each area, approximately 40 percent of the employers are selected for the survey and of those, 60 percent respond to the questionnaire. The survey consists of:

- 1) a series of questions concerning employers' practices with regards to benefits provided; and
- 2) a list of about 200 occupations for which the employers are asked to report the wage ranges for employees they have that work in any of those occupations.

The raw wage and benefit data is then reviewed for consistency and completeness. Weighted averages are calculated for the various data types. Every year, all survey data from the previous two years is compiled and a statewide wage and benefit survey is published. The last statewide survey was released in February, 1990.

As the title implies, there are two types of data collected. Benefit data deals with subjects such as amount of vacation time given, sick days and holidays provided, and types of insurance plans provided (life, medical, dental and retirement) and the percentage of employer contribution for each. Recently, questions concerning day care assistance and maternity

leave have been included, as these issues have become more important to people in the labor force. Wage data is collected for about 200 occupations. The wage data is combined by occupation for all industries and is also broken down by major industry group. To help preserve the confidentiality of the survey respondents, data is only published for occupations that have been reported by three (3) or more employers.

There are many people who find uses for the wage and benefit data. Most of the inquiries for the data come from employers. They use it for comparison purposes, to determine how their employee compensation plans compare to those offered by other employers in their area. Wage and benefit data is also used by employers to develop starting wages for new employees and to establish wage and benefit levels during contract and other negotiations. Conversely, employees also use this data to determine if they are receiving just compensation for their efforts. Many economic development groups also use the data in recruiting out-of-state firms interested in locating business in our state. The data can offer guidelines as to salary levels required by our labor force. School guidance counselors also use the information during career counseling, as do students in setting their career goals. Wage and benefit data is also used by rehabilitation counselors in discovering new career opportunities for clients.

Since its inception, the wage and benefit survey has been modified several times, and will continue to be changed as the requirements of our users change. Just recently, a system of determining sample size has been implemented which will obtain a measurable error level, thereby making the data more comparable over time. Also, the list of occupations surveyed continually changes with obsolete occupations being removed and emerging occupations being added.

If users of this data would like to see certain occupations in future surveys, they should call the Research and Statistics Section. Suggested occupations will be reviewed to see if enough firms have employment in those occupations in order to meet the confidentiality requirements. Additionally, if you would like more information about the wage and benefit survey, or if you would like to receive copies of the surveys, please call toll-free in North Dakota 1-800-732-9787, or in Bismarck-Mandan or out of state, please call (701)224-2399.

Lynda Kingsley
Research Analyst

NORTH DAKOTA NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	June 1990	May 1990	May 1990	June 1989	June 1989
TOTAL	269,000	269,200	-0.1%	265,450	1.3%
GOODS PRODUCING	33,200	31,550	5.2%	32,300	2.8%
MINING	4,150	3,950	5.1%	4,150	0.0%
Coal	1,050	1,050	0.0%	1,100	-4.5%
Crude Petroleum & Nat. Gas	2,600	2,500	4.0%	2,500	4.0%
Other Mining	500	400	25.0%	550	-9.1%
CONSTRUCTION	11,800	10,700	10.3%	11,600	1.7%
Building Construction	3,000	2,600	15.4%	2,900	3.4%
Street, Highway & Heavy	3,200	2,900	10.3%	3,200	0.0%
Special Trade Construction	5,600	5,200	7.7%	5,500	1.8%
MANUFACTURING	17,250	16,900	2.1%	16,550	4.2%
Durable Goods	8,950	8,850	1.1%	8,300	7.8%
Primary & Fab. Metals	1,200	1,150	4.3%	1,050	14.3%
Machinery & Trans. Equip	5,300	5,300	0.0%	4,950	7.1%
Machinery & Electric	3,800	3,800	0.0%	3,600	5.6%
Transportation Equipment	1,500	1,500	0.0%	1,350	11.1%
Other Durables	2,450	2,400	2.1%	2,300	6.5%
Lumber & Wood	1,100	1,100	0.0%	1,050	4.8%
Misc Durable	1,350	1,300	3.8%	1,250	8.0%
Nondurable Goods	8,300	8,050	3.1%	8,250	0.6%
Food & Kindred Products	4,150	4,050	2.5%	4,150	0.0%
Dairy Products	700	650	7.7%	750	-6.7%
Bakery Products	950	850	11.8%	800	18.8%
Sugar & Confectionary	550	550	0.0%	550	0.0%
Other Foods	1,950	2,000	-2.5%	2,050	-4.9%
Printing & Publishing	2,600	2,500	4.0%	2,500	4.0%
Other Nondurable Goods	1,550	1,500	3.3%	1,600	-3.1%
SERVICES PRODUCING	235,800	237,650	-0.8%	233,150	1.1%
TRAN, COMM & UTILITIES	17,200	17,100	0.6%	17,250	-0.3%
Transportation	8,700	8,700	0.0%	8,850	-1.7%
Trucking & Warehousing	4,900	4,800	2.1%	5,100	-3.9%
Other Transportation	3,800	3,900	-2.6%	3,750	1.3%
Railroads	1,950	1,900	2.6%	1,900	2.6%
Local & Suburban Transport	750	950	-21.1%	800	-6.3%
Water, Air & Pipeline	1,100	1,050	4.8%	1,050	4.8%
Communications	3,600	3,600	0.0%	3,600	0.0%
Utilities	4,900	4,800	2.1%	4,800	2.1%
WHOLESALE TRADE	19,800	19,800	0.0%	20,100	-1.5%
Durable Goods	9,100	9,100	0.0%	9,300	-2.2%
Nondurable Goods	10,700	10,700	0.0%	10,800	-0.9%

**NORTH DAKOTA
NONAG WAGE AND SALARY EMPLOYMENT**

(Rounded to Fifty)

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	June 1990	May 1990	May 1990	June 1989	June 1989
RETAIL TRADE	51,450	51,250	0.4%	51,150	0.6%
Hardware & Garden	2,500	2,400	4.2%	2,700	-7.4%
General Merchandise	6,200	6,300	-1.6%	6,200	0.0%
Food Stores	7,100	7,100	0.0%	7,300	-2.7%
Auto & Service Stations	7,000	6,900	1.4%	6,800	2.9%
Apparel & Accessory	2,700	2,700	0.0%	2,600	3.8%
Furniture Stores	1,650	1,650	0.0%	1,650	0.0%
Eating & Drinking Places	18,800	18,700	0.5%	18,700	0.5%
Misc Retail	5,500	5,500	0.0%	5,200	5.8%
FINANCE, INS & REAL ESTATE	12,450	12,450	0.0%	12,400	0.4%
Finance	6,650	6,650	0.0%	6,700	-0.7%
Banking	5,700	5,700	0.0%	5,700	0.0%
Other Finance	950	950	0.0%	1,000	-5.0%
Insurance	3,900	3,900	0.0%	3,850	1.3%
Insurance Underwriters	2,500	2,500	0.0%	2,500	0.0%
Ins. Agents & Brokers	1,400	1,400	0.0%	1,350	3.7%
Real Estate	1,900	1,900	0.0%	1,850	2.7%
SERVICES	68,600	68,550	0.1%	66,650	2.9%
Lodging	4,500	4,500	0.0%	4,400	2.3%
Personal & Business	8,300	8,300	0.0%	7,800	6.4%
Personal Services	3,200	3,200	0.0%	3,100	3.2%
Business Services	5,100	5,100	0.0%	4,700	8.5%
Recreational Services	2,700	2,500	8.0%	2,900	-6.9%
Health Services	28,300	28,300	0.0%	27,800	1.8%
Nursing & Hospital	20,700	20,700	0.0%	20,300	2.0%
Other Health	7,600	7,600	0.0%	7,500	1.3%
Membership Organizations	8,200	8,200	0.0%	8,200	0.0%
Educational Services	2,300	2,700	-14.8%	2,400	-4.2%
Social Services	6,500	6,400	1.6%	5,700	14.0%
Other Services	7,800	7,650	2.0%	7,450	4.7%
Auto & Misc Repair	2,400	2,400	0.0%	2,300	4.3%
Legal Services	1,500	1,450	3.4%	1,450	3.4%
Misc Services	3,900	3,800	2.6%	3,700	5.4%
GOVERNMENT	66,300	68,500	-3.2%	65,600	1.1%
Federal	10,900	11,200	-2.7%	10,500	3.8%
State & Local	55,400	57,300	-3.3%	55,100	0.5%
State Government	18,700	20,500	-8.8%	18,800	-0.5%
Educational Services	11,400	13,300	-14.3%	11,300	0.9%
Other State Government	7,300	7,200	1.4%	7,500	-2.7%
Local Government	36,700	36,800	-0.3%	36,300	1.1%
Educational Services	16,500	18,700	-11.8%	16,100	2.5%
Other Local Government	20,200	18,100	11.6%	20,200	0.0%

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	June 1990	May 1990	May 1990	June 1989	June 1989
FARGO-MOORHEAD MSA					
TOTAL	77,600	78,000	-0.5%	75,300	3.1%
GOODS PRODUCING	10,350	9,550	8.4%	9,650	7.3%
MINING & CONSTRUCTION	4,600	3,950	16.5%	4,300	7.0%
Special Trades	2,300	2,100	9.5%	2,200	4.5%
Other Construction & Mining	2,300	1,850	24.3%	2,100	9.5%
MANUFACTURING	5,750	5,600	2.7%	5,350	7.5%
Durable Goods	2,850	2,850	0.0%	2,600	9.6%
Fabricated Metal & Machinery	1,500	1,500	0.0%	1,350	11.1%
Other Durable Goods	1,350	1,350	0.0%	1,250	8.0%
Nondurable Goods	2,900	2,750	5.5%	2,750	5.5%
Food & Kindred	1,800	1,700	5.9%	1,700	5.9%
Other Nondurables	1,100	1,050	4.8%	1,050	4.8%
SERVICES PRODUCING	67,250	68,450	-1.8%	65,650	2.4%
TRANS, COMM & UTIL	4,800	4,800	0.0%	4,850	-1.0%
Trucking & Warehousing	1,000	1,000	0.0%	950	5.3%
Other Transportation	2,100	2,100	0.0%	2,100	0.0%
Communications & Utilities	1,700	1,700	0.0%	1,800	-5.6%
WHOLESALE TRADE	6,700	6,600	1.5%	6,900	-2.9%
Durable	3,900	3,800	2.6%	3,900	0.0%
Nondurable	2,800	2,800	0.0%	3,000	-6.7%
RETAIL TRADE	15,000	15,100	-0.7%	15,000	0.0%
General Merchandise & Apparel	2,900	3,000	-3.3%	2,800	3.6%
Food Stores	1,800	1,800	0.0%	2,000	-10.0%
Auto Dealers & Svc. Stations	1,900	1,900	0.0%	1,700	11.8%
Eating & Drinking Places	5,700	5,700	0.0%	5,700	0.0%
Other Retail	2,700	2,700	0.0%	2,800	-3.6%
FINANCE, INS & R E	4,600	4,600	0.0%	4,500	2.2%
Finance	2,100	2,100	0.0%	2,000	5.0%
Insurance Carriers	1,450	1,450	0.0%	1,450	0.0%
Other Fin, Ins. & R.Estate	1,050	1,050	0.0%	1,050	0.0%
SERVICES	21,300	22,200	-4.1%	20,350	4.7%
Lodging	1,350	1,400	-3.6%	1,300	3.8%
Personal & Business	3,600	3,600	0.0%	3,500	2.9%
Recreation & Amusement	850	900	-5.6%	950	-10.5%
Health Services	8,100	8,000	1.3%	7,700	5.2%
Educational Services	1,400	2,300	-39.1%	1,300	7.7%
Social Services	1,750	1,750	0.0%	1,550	12.9%
Membership Services	1,450	1,450	0.0%	1,450	0.0%
Other Services	2,800	2,800	0.0%	2,600	7.7%
GOVERNMENT	14,850	15,150	-2.0%	14,050	5.7%
Federal	2,300	2,400	-4.2%	2,200	4.5%
State	6,150	6,250	-1.6%	5,550	10.8%
State School	5,600	5,700	-1.8%	5,000	12.0%
Other State	550	550	0.0%	550	0.0%
Local	6,400	6,500	-1.5%	6,300	1.6%
Local School	3,600	4,000	-10.0%	3,500	2.9%
Other Local	2,800	2,500	12.0%	2,800	0.0%

**NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT**

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	June 1990	May 1990	May 1990	June 1989	June 1989
GRAND FORKS MSA					
TOTAL	31,450	32,450	-3.1%	30,350	3.6%
GOODS PRODUCING	3,000	2,800	7.1%	3,150	-4.8%
MINING & CONSTRUCTION	1,500	1,300	15.4%	1,550	-3.2%
MANUFACTURING	1,500	1,500	0.0%	1,600	-6.3%
Durable Goods	500	500	0.0%	550	-9.1%
Nondurable Goods	1,000	1,000	0.0%	1,050	-4.8%
SERVICES PRODUCING	28,450	29,650	-4.0%	27,200	4.6%
TRANS, COMM. & UTIL.	1,700	1,650	3.0%	1,600	6.3%
Transportation	1,000	1,000	0.0%	950	5.3%
Communications & Utilities	700	650	7.7%	650	7.7%
WHOLESALE TRADE	1,700	1,700	0.0%	1,550	9.7%
RETAIL TRADE	7,750	7,750	0.0%	7,250	6.9%
General Merchandise & Apparel	1,850	1,850	0.0%	1,750	5.7%
Eating & Drinking Places	2,900	2,900	0.0%	2,700	7.4%
Other Retail	3,000	3,000	0.0%	2,800	7.1%
FINANCE, INS. & R E	1,200	1,200	0.0%	1,150	4.3%
SERVICES	7,350	7,350	0.0%	7,150	2.8%
Personal & Business	950	950	0.0%	850	11.8%
Health	2,900	2,900	0.0%	2,900	0.0%
Other Services	3,500	3,500	0.0%	3,400	2.9%
GOVERNMENT	8,750	10,000	-12.5%	8,500	2.9%
Federal	1,550	1,550	0.0%	1,500	3.3%
State	4,500	5,900	-23.7%	4,400	2.3%
State School	4,000	5,400	-25.9%	3,900	2.6%
Other State	500	500	0.0%	500	0.0%
Local	2,700	2,550	5.9%	2,600	3.8%
Local School	1,350	1,350	0.0%	1,300	3.8%
Other Local	1,350	1,200	12.5%	1,300	3.8%

**NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT**

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	June 1990	May 1990	May 1990	June 1989	June 1989
BISMARCK MSA					
TOTAL	40,700	40,850	-0.4%	40,100	1.5%
GOODS PRODUCING	4,550	4,400	3.4%	4,450	2.2%
MINING & CONSTRUCTION	2,200	2,100	4.8%	2,200	0.0%
MANUFACTURING	2,350	2,300	2.2%	2,250	4.4%
Durable Goods	1,000	1,000	0.0%	950	5.3%
Non-durable Goods	1,350	1,300	3.8%	1,300	3.8%
SERVICES PRODUCING	36,150	36,450	-0.8%	35,650	1.4%
TRANS, COMM. & UTIL.	3,050	3,000	1.7%	2,800	8.9%
Transportation	1,250	1,250	0.0%	1,200	4.2%
Communications & Utilities	1,800	1,750	2.9%	1,600	12.5%
WHOLESALE TRADE	2,300	2,400	-4.2%	2,300	0.0%
RETAIL TRADE	8,250	8,100	1.9%	8,250	0.0%
General Merchandise & Apparel	1,650	1,650	0.0%	1,650	0.0%
Food Stores	1,100	1,050	4.8%	1,000	10.0%
Auto Dealers & Svc. Stations	1,050	1,050	0.0%	1,200	-12.5%
Eating & Drinking Places	2,800	2,700	3.7%	2,800	0.0%
Other Retail	1,650	1,650	0.0%	1,600	3.1%
FINANCE, INS. & R E	1,500	1,500	0.0%	1,550	-3.2%
SERVICES	12,000	12,100	-0.8%	11,500	4.3%
Lodging	900	900	0.0%	950	-5.3%
Personal & Business	1,500	1,450	3.4%	1,350	11.1%
Health Services	5,000	5,000	0.0%	4,700	6.4%
Educational Services	450	600	-25.0%	400	12.5%
Social Services	1,200	1,200	0.0%	1,100	9.1%
Membership Services	1,150	1,150	0.0%	1,250	-8.0%
Other Services	1,800	1,800	0.0%	1,750	2.9%
GOVERNMENT	9,050	9,350	-3.2%	9,250	-2.2%
Federal	1,300	1,300	0.0%	1,200	8.3%
State	4,000	4,150	-3.6%	4,100	-2.4%
State Schools	300	350	-14.3%	300	0.0%
Other State	3,700	3,800	-2.6%	3,800	-2.6%
Local	3,750	3,900	-3.8%	3,950	-5.1%
Local Schools	1,900	2,200	-13.6%	2,000	-5.0%
Other Local	1,850	1,700	8.8%	1,950	-5.1%

LABOR FORCE
NORTH DAKOTA AND MSA'S

	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	JUNE 1990	MAY 1990	MAY 1990	JUNE 1989	JUNE 1989
UNITED STATES					
(In Thousands)					
Labor Force	126,466	126,642	-0.1%	125,777	0.5%
Employment	120,019	119,989	0.0%	119,208	0.7%
Unemployment	6,447	6,653	-3.1%	6,569	-1.9%
Unemployment Rate	5.1%	5.3%	xxx	5.2%	xxx
NORTH DAKOTA					
Labor Force	335,280	327,300	2.4%	344,870	-2.8%
Employment	321,530	315,030	2.1%	330,120	-2.6%
Unemployment	13,750	12,270	12.1%	14,750	-6.8%
Unemployment Rate	4.1%	3.7%	xxx	4.3%	xxx
FARGO-MOORHEAD MSA					
Labor Force	88,530	87,740	0.9%	88,530	0.0%
Employment	86,320	85,470	1.0%	86,150	0.2%
Unemployment	2,210	2,270	-2.6%	2,380	-7.1%
Unemployment Rate	2.5%	2.6%	xxx	2.7%	xxx
GRAND FORKS MSA					
Labor Force	36,020	36,510	-1.3%	36,740	-2.0%
Employment	34,470	35,160	-2.0%	35,240	-2.2%
Unemployment	1,550	1,350	14.8%	1,500	3.3%
Unemployment Rate	4.3%	3.7%	xxx	4.1%	xxx
BISMARCK MSA					
Labor Force	48,370	47,300	2.3%	49,870	-3.0%
Employment	46,450	45,690	1.7%	47,690	-2.6%
Unemployment	1,920	1,610	19.3%	2,180	-11.9%
Unemployment Rate	4.0%	3.4%	xxx	4.4%	xxx

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Grand Forks Metropolitan Statistical Area (MSA) includes Grand Forks County.

The Bismarck MSA includes Burleigh and Morton Counties.

The Fargo-Moorhead MSA includes Cass and Clay Counties.

BORDERING STATE LABOR FORCE COMPARISONS

(In Thousands)
MAY 1990

	NORTH DAKOTA	MINNESOTA	SOUTH DAKOTA	MONTANA
Labor Force	327.3	2,360.0	362.9	407.4
Employment	315.0	2,257.4	350.1	384.6
Unemployment	12.3	102.6	12.8	22.8
Unemployment Rate	3.7%	4.3%	3.5%	5.6%

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UNITED STATES

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	JUNE 1990	MAY 1990	JUNE 1989	JUNE 1990	MAY 1990	JUNE 1989	JUNE 1990	MAY 1990	JUNE 1989
MANUFACTURING	443.62	440.64	429.08	41.0	40.8	41.1	10.82	10.80	10.44
Durable Goods	473.30	469.37	457.87	41.7	41.5	41.7	11.35	11.31	10.98
Nondurable Goods	405.62	402.19	390.91	40.2	39.9	40.3	10.09	10.08	9.70

NORTH DAKOTA

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1990	May 1990	June 1989	June 1990	May 1990	June 1989	June 1990	May 1990	June 1989
MANUFACTURING	356.09	359.70	353.51	40.1	40.1	39.9	8.88	8.97	8.86
Durable Goods	377.04	375.74	379.80	41.8	41.2	42.2	9.02	9.12	9.00
Nondurable Goods	330.60	339.79	324.26	38.0	38.7	37.4	8.70	8.78	8.67
Food & Kindred	326.98	332.37	324.43	39.3	39.9	38.9	8.32	8.33	8.34

FARGO-MOORHEAD MSA

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1990	May 1990	June 1989	June 1990	May 1990	June 1989	June 1990	May 1990	June 1989
MANUFACTURING	338.42	342.77	358.05	38.5	38.6	38.5	8.79	8.88	9.30
Durable Goods	344.44	332.81	349.86	41.3	39.2	40.4	8.34	8.49	8.66
Nondurable Goods	332.64	354.92	367.46	35.5	38.0	36.6	9.37	9.34	10.04

U. S. CONSUMER PRICE INDEX

ALL URBAN CONSUMERS

(1982-84=100)

ITEM	ANNUAL AVERAGE 1989	JUNE 1990	MAY 1990	Percent Change From MAY 1990	JUNE 1989	Percent Change From JUNE 1989
All Items	124.0	129.9	129.2	0.5%	124.1	4.7%
Food & Beverage	124.9	131.7	131.1	0.5%	124.9	5.4%
Housing	123.0	128.3	127.1	0.9%	122.9	4.4%
Apparel & Upkeep	118.6	123.3	125.5	-1.8%	117.8	4.7%
Transportation	114.1	118.2	117.7	0.4%	115.9	2.0%
Medical Care	149.3	161.9	160.8	0.7%	148.5	9.0%
Entertainment	126.5	131.9	131.7	0.2%	126.2	4.5%
All Other	147.7	157.8	156.6	0.8%	146.3	7.9%

PRODUCER PRICE INDEX

UNITED STATES AVERAGE

ITEM	ANNUAL AVERAGE 1989	JUNE 1990	MAY 1990	Percent Change From MAY 1990	JUNE 1989	Percent Change From JUNE 1989
All Commodities	112.2	114.2	114.5	-0.3%	112.9	1.2%
Farm Products & Processed Foods and Feeds	115.3	119.7	120.2	-0.4%	115.4	3.7%
Industrial Commodities	111.6	113.1	113.3	-0.2%	112.4	0.6%

LABOR FORCE - BY COUNTY - BY REGION

	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE		
	JUNE '90	MAY '90	JUNE '89	JUNE '90	MAY '90	JUNE '89	JUNE '90	MAY '90	JUNE '89	JUNE '90	MAY '90	JUNE '89
Divide	1,495	1,348	1,584	1,474	1,337	1,547	21	11	37	1.4%	0.8%	2.3%
McKenzie	2,976	2,768	3,157	2,874	2,690	3,039	102	78	118	3.4%	2.8%	3.7%
Williams	11,318	10,716	11,860	10,895	10,303	11,334	423	413	526	3.7%	3.9%	4.4%
REGION 1	15,789	14,832	16,601	15,243	14,330	15,920	546	502	681	3.5%	3.4%	4.1%
Bottineau	3,636	3,362	3,754	3,460	3,196	3,581	176	166	173	4.8%	4.9%	4.6%
Burke	1,279	1,265	1,378	1,229	1,204	1,323	50	61	55	3.9%	4.8%	4.0%
McHenry	2,650	2,546	2,711	2,393	2,305	2,457	257	241	254	9.7%	9.5%	9.4%
Mountrail	3,439	3,361	3,478	3,242	3,186	3,239	197	175	239	5.7%	5.2%	6.9%
Pierce	2,679	2,546	2,748	2,613	2,457	2,684	66	89	64	2.5%	3.5%	2.3%
Renville	1,229	1,198	1,258	1,176	1,169	1,200	53	29	58	4.3%	2.4%	4.6%
Ward	25,943	25,420	27,017	24,882	24,350	25,797	1,061	1,070	1,220	4.1%	4.2%	4.5%
REGION 2	40,855	39,698	42,344	38,995	37,867	40,281	1,860	1,831	2,063	4.6%	4.6%	4.9%
Benson	2,793	2,722	3,271	2,459	2,438	2,968	334	284	303	12.0%	10.4%	9.3%
Cavalier	2,700	2,634	2,800	2,571	2,500	2,655	129	134	145	4.8%	5.1%	5.2%
Eddy	1,575	1,475	1,590	1,468	1,364	1,504	107	111	86	6.8%	7.5%	5.4%
Ramsey	6,978	6,864	6,944	6,757	6,655	6,718	221	209	226	3.2%	3.0%	3.3%
Rolette	4,672	4,569	4,698	3,697	3,948	3,810	975	621	888	20.9%	13.6%	18.9%
Towner	1,733	1,632	1,847	1,686	1,595	1,807	47	37	40	2.7%	2.3%	2.2%
REGION 3	20,451	19,896	21,150	18,638	18,500	19,462	1,813	1,396	1,688	8.9%	7.0%	8.0%
Grand Forks	36,018	36,505	36,731	34,473	35,157	35,236	1,545	1,348	1,495	4.3%	3.7%	4.1%
Nelson	1,988	1,918	2,066	1,923	1,847	1,988	65	71	78	3.3%	3.7%	3.8%
Pembina	5,560	5,320	5,665	5,114	4,902	5,157	446	418	508	8.0%	7.9%	9.0%
Walsh	7,831	7,544	8,195	7,413	7,187	7,762	418	357	433	5.3%	4.7%	5.3%
REGION 4	51,397	51,287	52,657	48,923	49,093	50,143	2,474	2,194	2,514	4.8%	4.3%	4.8%
Cass	62,566	62,079	63,449	61,233	60,740	62,108	1,333	1,339	1,341	2.1%	2.2%	2.1%
Ransom	2,765	2,655	2,872	2,686	2,583	2,811	79	72	61	2.9%	2.7%	2.1%
Richland	8,832	8,427	8,993	8,441	8,152	8,632	391	275	361	4.4%	3.3%	4.0%
Sargent	2,888	2,734	2,953	2,846	2,691	2,864	42	43	89	1.5%	1.6%	3.0%
Steele	1,184	1,111	1,242	1,150	1,079	1,193	34	32	49	2.9%	2.9%	3.9%
Traill	4,517	4,301	4,566	4,338	4,149	4,392	179	152	174	4.0%	3.5%	3.8%
REGION 5	82,752	81,307	84,075	80,694	79,394	82,000	2,058	1,913	2,075	2.5%	2.4%	2.5%

LABOR FORCE - BY COUNTY - BY REGION

	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE		
	JUNE '90	MAY '90	JUNE '89	JUNE '90	MAY '90	JUNE '89	JUNE '90	MAY '90	JUNE '89	JUNE '90	MAY '90	JUNE '89
Barnes	6,002	5,777	6,111	5,845	5,620	5,912	157	157	199	2.6%	2.7%	3.3%
Dickey	3,235	3,141	3,261	3,170	3,067	3,181	65	74	80	2.0%	2.4%	2.5%
Foster	2,338	2,334	2,315	2,267	2,237	2,242	71	97	73	3.0%	4.2%	3.2%
Griggs	1,637	1,554	1,708	1,590	1,508	1,661	47	46	47	2.9%	3.0%	2.8%
La Moure	2,362	2,330	2,442	2,302	2,256	2,365	60	74	77	2.5%	3.2%	3.2%
Logan	1,554	1,480	1,571	1,501	1,425	1,539	53	55	32	3.4%	3.7%	2.0%
McIntosh	2,343	2,220	2,414	2,312	2,195	2,359	31	25	55	1.3%	1.1%	2.3%
Stutsman	12,092	11,820	12,443	11,690	11,434	12,057	402	386	386	3.3%	3.3%	3.1%
Wells	2,816	2,746	2,960	2,659	2,563	2,790	157	183	170	5.6%	6.7%	5.7%
REGION 6	34,379	33,402	35,225	33,336	32,305	34,106	1,043	1,097	1,119	3.0%	3.3%	3.2%
Burleigh	35,345	34,685	36,475	34,083	33,528	34,994	1,262	1,157	1,481	3.6%	3.3%	4.1%
Emmons	2,228	2,127	2,334	2,160	2,036	2,240	68	91	96	3.1%	4.3%	4.1%
Grant	1,964	1,849	2,031	1,901	1,786	1,939	63	63	92	3.2%	3.4%	4.5%
Kidder	1,625	1,555	1,647	1,509	1,435	1,546	116	120	101	7.1%	7.7%	6.1%
McLean	4,508	4,674	4,619	4,272	4,430	4,322	236	244	297	5.2%	5.2%	6.4%
Mercer	5,767	5,753	5,967	5,409	5,441	5,560	358	312	407	6.2%	5.4%	6.8%
Morton	13,016	12,614	13,387	12,363	12,162	12,693	653	452	694	5.0%	3.6%	5.2%
Oliver	1,100	1,151	1,172	1,055	1,106	1,111	45	45	61	4.1%	3.9%	5.2%
Sheridan	1,270	1,180	1,266	1,233	1,145	1,215	37	35	51	2.9%	3.0%	4.0%
Sioux	1,306	1,119	1,303	883	991	904	423	128	399	32.4%	11.4%	30.6%
REGION 7	68,129	66,707	70,203	64,868	64,060	66,524	3,261	2,647	3,679	4.8%	4.0%	5.2%
Adams	1,745	1,663	1,771	1,713	1,637	1,731	32	26	40	1.8%	1.6%	2.3%
Billings	1,035	734	1,100	1,014	709	1,071	21	25	29	2.0%	3.4%	2.6%
Bowman	2,178	2,059	2,258	2,149	2,025	2,206	29	34	52	1.3%	1.7%	2.3%
Dunn	1,958	1,773	1,915	1,860	1,705	1,791	98	68	124	5.0%	3.8%	6.5%
Gldn Valley	1,025	1,042	1,067	1,014	1,025	1,043	11	17	24	1.1%	1.6%	2.2%
Hettinger	1,879	1,754	1,937	1,798	1,677	1,864	81	77	73	4.3%	4.4%	3.8%
Slope	479	439	508	461	417	468	18	22	40	3.8%	5.0%	7.9%
Stark	11,233	10,698	12,058	10,831	10,280	11,507	402	418	551	3.6%	3.9%	4.6%
REGION 8	21,532	20,162	22,614	20,840	19,475	21,681	692	687	933	3.2%	3.4%	4.1%
STATE												
TOTALS	335,279	327,292	344,867	321,534	315,026	330,118	13,745	12,266	14,753	4.1%	3.7%	4.3%

DEFINITIONS

EMPLOYED: A count of individuals 16 years of age or older who worked for pay any time during the week which included the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

UNEMPLOYED: Includes all individuals who did not work during the survey week, but were available for work except for temporary illness, and had looked for jobs within the preceding four weeks.

LABOR FORCE: The sum of the employed and the unemployed.

UNEMPLOYMENT RATE: The number of unemployed as a percent of the total labor force.

CONSUMER PRICE INDEX: A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often call the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

PRODUCER PRICE INDEX: This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all states of processing. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT: An estimate of all full- and part-time wage and salary employees who worked during, or received pay from the pay period which included the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

JOB SERVICE OFFICE LOCATIONS

BISMARCK
216 Second Street
Phone: 224-2880

FARGO
1350 32nd Street South
Phone: 237-7113

JAMESTOWN
429 2nd Street Southwest
Phone: 251-2256

BEULAH
119 East Main
Phone: 873-5607

DEVILS LAKE
301 South College Drive
Phone: 662- 2181

GRAND FORKS
2016 South Washington
Phone: 777-3711

MANDAN
501 1st Street Northwest
Phone: 663-6461

ROLLA
103 East Main
Phone: 477-5631

UND - GRAND FORKS
McCannel Hall - Room 141
Phone: 777-3904

DICKINSON
66 Osborn Drive
Phone: 227-2361

GRAFTON
728 Hill Avenue South
Phone: 352-2202

MINOT
3416 North Broadway
Phone: 852-2164

NDSU - FARGO
Job Information and
Placement Center
211 Ceres Hall
Phone: 237-7111

VALLEY CITY
2425 West Main
Phone: 845-7261

WHAHPETON
524 2nd Avenue North
Phone: 671-2711

WILLISTON
422 1st Avenue West
Phone: 572-7771

NEW TOWN
Tribal Administration Building
Phone: 627-4390

Job Service North Dakota
Research and Statistics
1000 East Divide
P.O. Box 1537
Bismarck, North Dakota 58502

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Employment Security Mail
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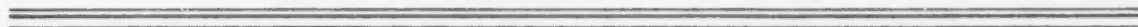
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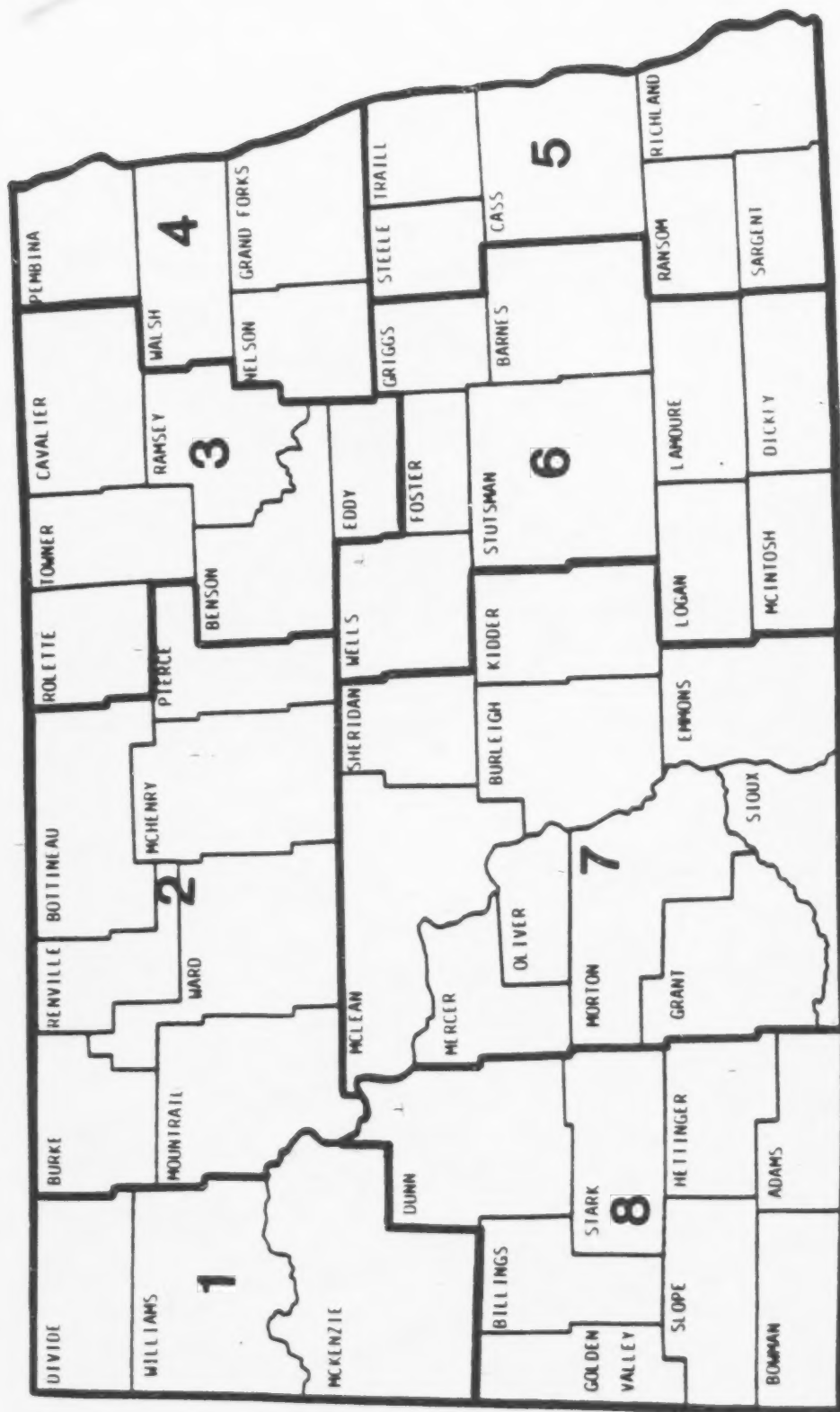


The North Dakota Labor Market Advisor



NORTH DAKOTA STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.



**THE
NORTH DAKOTA
LABOR MARKET ADVISOR**

July, 1990

**GEORGE A. SINNER, GOVERNOR
STATE OF NORTH DAKOTA**

Job Service North Dakota
1000 East Divide
Bismarck, North Dakota 58501

**Micheal V. Delsz
Executive Director**

A Monthly Publication Prepared by
Research and Statistics
Tom Pederson, Chief (701) 224-2868

NORTH DAKOTA OCCUPATIONAL INFORMATION SYSTEM

Labor market supply and demand information is critical to planners of training programs and economic development and persons planning their careers. There are numerous sources of the data elements that go into this information, but there's only one place where you can find all the elements integrated into one system...the North Dakota Occupational Information System.

The North Dakota Occupational Information System (OIS) clusters occupational projections with data from applicable training programs, unemployment insurance, and wage data. By reviewing a given cluster, you can quickly compare current and projected employment figures [including projected annual openings], wages paid for those occupations, and the numbers of persons completing training programs for those occupations. There are additional factors that planners must consider, such as their local economic situation and trends; however, the major data sources have all been integrated through the OIS.

The OIS is available in both publication and microcomputer formats. The publication exhibits 97 clusters of information on 131 training programs and over 600 occupations. The microcomputer version, known as the Micro OIS, contains the same data plus much more. In addition to producing the cluster reports found in the publication, electronic searches based on various data elements can be conducted. For example, you could identify the occupations which are growing at 2 percent per year and/or have projected employment openings of at least 150.

The Micro OIS can generate several reports which are not available in the publication version. These reports center around industry/occupational data and training sites for given programs. The industry/occupational feature will show the staffing patterns

within a given industry or will show the industries which employ a given occupation. The training site feature produces reports on local sites which offer a given training program or all the training programs of a local site. Although training program data currently reflects two years or less of postsecondary education, plans are to include baccalaureate programs within the next year.

All data used in the OIS is obtained from existing reports and surveys from state agencies. Job Service North Dakota provides all occupational projection and wage data, while the State Board for Vocational Education and the North Dakota University System [State Board of Higher Education] provide the majority of the training program data. The OIS can be obtained at no charge from the North Dakota State Occupational Information Coordinating Committee (North Dakota SOICC).

The minimum hardware requirements for the Micro OIS are:

- IBM PC or PS/2 (or compatible)
- 512K of internal memory
- Hard disk drive

The Micro OIS takes up approximately 1.5 megabytes of room on the hard drive.

For additional information or to order the OIS/Micro OIS, contact:

North Dakota SOICC
Dan Marrs, Coordinator
600 East Interstate Avenue - Suite 14
P. O. Box 1537
Bismarck, ND 58502-1537
(701) 224-2733

Dan Marrs
Coordinator, NDSOICC

NORTH DAKOTA
NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	July 1990	June 1990	June 1990	July 1989	July 1989
TOTAL	265,950	269,300	-1.2%	261,350	1.8%
GOODS PRODUCING	33,400	33,250	0.5%	32,550	2.6%
MINING	4,550	4,300	5.8%	4,250	7.1%
Coal	1,050	1,050	0.0%	1,100	-4.5%
Crude Petroleum & Nat. Gas	3,000	2,800	7.1%	2,600	15.4%
Other Mining	500	450	11.1%	550	-9.1%
CONSTRUCTION	11,800	11,600	1.7%	11,800	0.0%
Building Construction	2,900	2,800	3.6%	3,100	-6.5%
Street, Highway & Heavy	3,200	3,200	0.0%	3,100	3.2%
Special Trade Construction	5,700	5,600	1.8%	5,600	1.8%
MANUFACTURING	17,050	17,350	-1.7%	16,500	3.3%
Durable Goods	9,000	9,100	-1.1%	8,250	9.1%
Primary & Fab. Metals	1,200	1,200	0.0%	1,100	9.1%
Machinery & Trans. Equip	5,300	5,450	-2.8%	4,900	8.2%
Machinery & Electric	3,900	3,900	0.0%	3,600	8.3%
Transportation Equipment	1,400	1,550	-9.7%	1,300	7.7%
Other Durables	2,500	2,450	2.0%	2,250	11.1%
Lumber & Wood	1,200	1,150	4.3%	1,000	20.0%
Misc Durable	1,300	1,300	0.0%	1,250	4.0%
Nondurable Goods	8,050	8,250	-2.4%	8,250	-2.4%
Food & Kindred Products	3,950	4,150	-4.8%	4,150	-4.8%
Dairy Products	700	700	0.0%	750	-6.7%
Bakery Products	1,000	900	11.1%	800	25.0%
Sugar & Confectionary	600	600	0.0%	600	0.0%
Other Foods	1,650	1,950	-15.4%	2,000	-17.5%
Printing & Publishing	2,600	2,600	0.0%	2,500	4.0%
Other Nondurable Goods	1,500	1,500	0.0%	1,600	-6.3%
SERVICES PRODUCING	232,550	236,050	-1.5%	228,800	1.6%
TRAN, COMM & UTILITIES	17,250	17,200	0.3%	16,950	1.8%
Transportation	8,850	8,800	0.6%	8,550	3.5%
Trucking & Warehousing	5,000	5,000	0.0%	4,900	2.0%
Other Transportation	3,850	3,800	1.3%	3,650	5.5%
Railroads	1,950	1,900	2.6%	1,900	2.6%
Local & Suburban Transport	700	700	0.0%	700	0.0%
Water, Air & Pipeline	1,200	1,200	0.0%	1,050	14.3%
Communications	3,500	3,500	0.0%	3,600	-2.8%
Utilities	4,900	4,900	0.0%	4,800	2.1%
WHOLESALE TRADE	19,700	19,800	-0.5%	19,900	-1.0%
Durable Goods	9,200	9,200	0.0%	9,300	-1.1%
Nondurable Goods	10,500	10,600	-0.9%	10,600	-0.9%

NORTH DAKOTA
NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	July 1990	June 1990	June 1990	July 1989	July 1989
RETAIL TRADE	51,050	51,400	-0.7%	50,600	0.9%
Hardware & Garden	2,500	2,500	0.0%	2,600	-3.8%
General Merchandise	6,200	6,200	0.0%	6,200	0.0%
Food Stores	7,100	7,200	-1.4%	7,200	-1.4%
Auto & Service Stations	7,000	7,000	0.0%	6,700	4.5%
Apparel & Accessory	2,600	2,600	0.0%	2,600	0.0%
Furniture Stores	1,650	1,700	-2.9%	1,600	3.1%
Eating & Drinking Places	18,600	18,600	0.0%	18,600	0.0%
Misc Retail	5,400	5,600	-3.6%	5,100	5.9%
FINANCE, INS & REAL ESTATE	12,650	12,550	0.8%	12,400	2.0%
Finance	6,600	6,650	-0.8%	6,650	-0.8%
Banking	5,700	5,700	0.0%	5,700	0.0%
Other Finance	900	950	-5.3%	950	-5.3%
Insurance	4,100	3,950	3.8%	3,900	5.1%
Insurance Underwriters	2,600	2,500	4.0%	2,500	4.0%
Ins. Agents & Brokers	1,500	1,450	3.4%	1,400	7.1%
Real Estate	1,950	1,950	0.0%	1,850	5.4%
SERVICES	69,600	69,400	0.3%	66,450	4.7%
Lodging	4,600	4,500	2.2%	4,500	2.2%
Personal & Business	8,200	8,100	1.2%	7,900	3.8%
Personal Services	3,100	3,100	0.0%	3,100	0.0%
Business Services	5,100	5,000	2.0%	4,800	6.3%
Recreational Services	3,000	2,900	3.4%	2,900	3.4%
Health Services	28,900	28,900	0.0%	27,700	4.3%
Nursing & Hospital	21,100	21,100	0.0%	20,200	4.5%
Other Health	7,800	7,800	0.0%	7,500	4.0%
Membership Organizations	8,100	8,100	0.0%	8,200	-1.2%
Educational Services	2,400	2,500	-4.0%	2,300	4.3%
Social Services	6,600	6,600	0.0%	5,600	17.9%
Other Services	7,800	7,800	0.0%	7,350	6.1%
Auto & Misc Repair	2,400	2,400	0.0%	2,200	9.1%
Legal Services	1,500	1,500	0.0%	1,450	3.4%
Misc Services	3,900	3,900	0.0%	3,700	5.4%
GOVERNMENT	62,300	65,700	-5.2%	62,500	-0.3%
Federal	10,500	10,700	-1.9%	10,400	1.0%
State & Local	51,800	55,000	-5.8%	52,100	-0.6%
State Government	17,800	18,700	-4.8%	18,000	-1.1%
Educational Services	10,400	11,400	-8.8%	10,300	1.0%
Other State Government	7,400	7,300	1.4%	7,700	-3.9%
Local Government	34,000	36,300	-6.3%	34,100	-0.3%
Educational Services	14,000	16,400	-14.6%	13,900	0.7%
Other Local Government	20,000	19,900	0.5%	20,200	-1.0%

**NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT**

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	July 1990	June 1990	June 1990	July 1989	July 1989
FARGO-MOORHEAD MSA					
TOTAL	76,250	76,900	-0.8%	73,200	4.2%
GOODS PRODUCING	10,550	10,350	1.9%	9,800	7.7%
MINING & CONSTRUCTION	4,800	4,600	4.3%	4,400	9.1%
Special Trades	2,400	2,300	4.3%	2,200	9.1%
Other Construction & Mining	2,400	2,300	4.3%	2,200	9.1%
MANUFACTURING	5,750	5,750	0.0%	5,400	6.5%
Durable Goods	2,850	2,850	0.0%	2,650	7.5%
Fabricated Metal & Machinery	1,500	1,500	0.0%	1,400	7.1%
Other Durable Goods	1,350	1,350	0.0%	1,250	8.0%
Nondurable Goods	2,900	2,900	0.0%	2,750	5.5%
Food & Kindred	1,850	1,800	2.8%	1,700	8.8%
Other Nondurables	1,050	1,100	-4.5%	1,050	0.0%
SERVICES PRODUCING	65,700	66,550	-1.3%	63,400	3.6%
TRANS, COMM & UTIL	4,800	4,800	0.0%	4,700	2.1%
Trucking & Warehousing	1,000	1,000	0.0%	950	5.3%
Other Transportation	2,100	2,100	0.0%	2,000	5.0%
Communications & Utilities	1,700	1,700	0.0%	1,750	-2.9%
WHOLESALE TRADE	6,800	6,700	1.5%	6,900	-1.4%
Durable	4,000	3,900	2.6%	3,900	2.6%
Nondurable	2,800	2,800	0.0%	3,000	-6.7%
RETAIL TRADE	15,000	15,050	-0.3%	14,750	1.7%
General Merchandise & Apparel	2,900	2,900	0.0%	2,800	3.6%
Food Stores	1,750	1,800	-2.8%	1,950	-10.3%
Auto Dealers & Svc. Stations	1,950	1,950	0.0%	1,700	14.7%
Eating & Drinking Places	5,700	5,700	0.0%	5,600	1.8%
Other Retail	2,700	2,700	0.0%	2,700	0.0%
FINANCE, INS & R E	4,600	4,600	0.0%	4,500	2.2%
Finance	2,100	2,100	0.0%	2,000	5.0%
Insurance Carriers	1,450	1,450	0.0%	1,450	0.0%
Other Fin, Ins. & R.Estate	1,050	1,050	0.0%	1,050	0.0%
SERVICES	21,500	21,350	0.7%	20,300	5.9%
Lodging	1,350	1,350	0.0%	1,300	3.8%
Personal & Business	3,600	3,600	0.0%	3,400	5.9%
Recreation & Amusement	1,000	900	11.1%	1,050	-4.8%
Health Services	8,200	8,100	1.2%	7,700	6.5%
Educational Services	1,450	1,400	3.6%	1,450	0.0%
Social Services	1,700	1,750	-2.9%	1,500	13.3%
Membership Services	1,400	1,450	-3.4%	1,400	0.0%
Other Services	2,800	2,800	0.0%	2,500	12.0%
GOVERNMENT	13,000	14,050	-7.5%	12,250	6.1%
Federal	2,300	2,300	0.0%	2,300	0.0%
State	4,700	5,350	-12.1%	4,450	5.6%
State School	4,100	4,800	-14.6%	3,900	5.1%
Other State	600	550	9.1%	550	9.1%
Local	6,000	6,400	-6.3%	5,500	9.1%
Local School	3,100	3,600	-13.9%	2,700	14.8%
Other Local	2,900	2,800	3.6%	2,800	3.6%

**NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT**

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	July 1990	June 1990	June 1990	July 1989	July 1989
GRAND FORKS MSA					
TOTAL	30,750	31,500	-2.4%	30,300	1.5%
GOODS PRODUCING	2,800	3,000	-6.7%	3,350	-16.4%
MINING & CONSTRUCTION	1,600	1,500	6.7%	1,750	-8.6%
MANUFACTURING	1,200	1,500	-20.0%	1,600	-25.0%
Durable Goods	450	500	-10.0%	550	-18.2%
Non-durable Goods	750	1,000	-25.0%	1,050	-28.6%
SERVICES PRODUCING	27,950	28,500	-1.9%	26,950	3.7%
TRANS. COMM. & UTIL.	4,650	1,700	-2.9%	1,600	3.1%
Transportation	1,000	1,000	0.0%	950	5.3%
Communications & Utilities	650	700	-7.1%	650	0.0%
WHOLESALE TRADE	1,700	1,700	0.0%	1,600	6.3%
RETAIL TRADE	7,700	7,750	-0.6%	7,250	6.2%
General Merchandise & Apparel	1,800	1,850	-2.7%	1,750	2.9%
Eating & Drinking Places	2,900	2,900	0.0%	2,700	7.4%
Other Retail	3,000	3,000	0.0%	2,800	7.1%
FINANCE, INS. & R E	1,200	1,200	0.0%	1,100	9.1%
SERVICES	7,100	7,350	-3.4%	7,000	1.4%
Personal & Business	900	950	-5.3%	900	0.0%
Health	2,800	2,900	-3.4%	2,800	0.0%
Other Services	3,400	3,500	-2.9%	3,300	3.0%
GOVERNMENT	8,600	8,800	-2.3%	8,400	2.4%
Federal	1,550	1,550	0.0%	1,500	3.3%
State	4,600	4,500	2.2%	4,600	0.0%
State School	4,100	4,000	2.5%	4,100	0.0%
Other State	500	500	0.0%	500	0.0%
Local	2,450	2,750	-10.9%	2,300	6.5%
Local School	1,050	1,350	-22.2%	1,000	5.0%
Other Local	1,400	1,400	0.0%	1,300	7.7%

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	July 1990	June 1990	June 1990	July 1989	July 1989
BISMARCK MSA					
TOTAL	40,250	40,700	-1.1%	38,850	3.6%
GOODS PRODUCING	4,650	4,550	2.2%	4,100	13.4%
MINING & CONSTRUCTION	2,300	2,200	4.5%	1,850	24.3%
MANUFACTURING	2,350	2,350	0.0%	2,250	4.4%
Durable Goods	1,000	1,000	0.0%	950	5.3%
Non-durable Goods	1,350	1,350	0.0%	1,300	3.8%
SERVICES PRODUCING	35,600	36,150	-1.5%	34,750	2.4%
TRANS, COMM. & UTIL.	3,050	3,050	0.0%	2,850	7.0%
Transportation	1,250	1,250	0.0%	1,150	8.7%
Communications & Utilities	1,800	1,800	0.0%	1,700	5.9%
WHOLESALE TRADE	2,300	2,300	0.0%	2,300	0.0%
RETAIL TRADE	8,200	8,250	-0.6%	8,150	0.6%
General Merchandise & Apparel	1,650	1,650	0.0%	1,650	0.0%
Food Stores	1,100	1,100	0.0%	1,100	0.0%
Auto Dealers & Svc. Stations	1,050	1,050	0.0%	1,150	-8.7%
Eating & Drinking Places	2,800	2,800	0.0%	2,700	3.7%
Other Retail	1,600	1,650	-3.0%	1,550	3.2%
FINANCE, INS. & R E	1,500	1,500	0.0%	1,550	-3.2%
SERVICES	11,900	12,000	-0.8%	11,350	4.8%
Lodging	900	900	0.0%	950	-5.3%
Personal & Business	1,500	1,500	0.0%	1,350	11.1%
Health Services	5,000	5,000	0.0%	4,700	6.4%
Educational Services	350	450	-22.2%	300	16.7%
Social Services	1,200	1,200	0.0%	1,100	9.1%
Membership Services	1,150	1,150	0.0%	1,250	-8.0%
Other Services	1,800	1,800	0.0%	1,700	5.9%
GOVERNMENT	8,650	9,050	-4.4%	8,550	1.2%
Federal	1,250	1,300	-3.8%	1,200	4.2%
State	4,050	4,000	1.3%	4,000	0.0%
State Schools	250	300	-16.7%	250	0.0%
Other State	3,800	3,700	2.7%	3,800	0.0%
Local	3,350	3,750	-10.7%	3,300	1.5%
Local Schools	1,600	1,900	-15.8%	1,500	6.7%
Other Local	1,750	1,850	-5.4%	1,800	-2.8%

LABOR FORCE
NORTH DAKOTA AND MSA'S

	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	JULY 1990	JUNE 1990	JUNE 1990	JULY 1989	JULY 1989
UNITED STATES					
(In Thousands)					
Labor Force	126,394	126,466	-0.1%	125,679	0.6%
Employment	119,580	120,019	-0.4%	119,102	0.4%
Unemployment	6,814	6,447	5.7%	6,577	3.6%
Unemployment Rate	5.4%	5.1%	xxx	5.2%	xxx
NORTH DAKOTA					
Labor Force	334,600	335,300	-0.2%	345,020	-3.0%
Employment	321,450	321,530	0.0%	332,400	-3.3%
Unemployment	13,150	13,770	-4.5%	12,620	4.2%
Unemployment Rate	3.9%	4.1%	xxx	3.7%	xxx
FARGO-MOORHEAD MSA					
Labor Force	88,140	87,840	0.3%	88,310	-0.2%
Employment	85,890	85,640	0.3%	86,190	-0.3%
Unemployment	2,250	2,200	2.3%	2,120	6.1%
Unemployment Rate	2.6%	2.5%	xxx	2.4%	xxx
GRAND FORKS MSA					
Labor Force	36,030	36,100	-0.2%	37,060	-2.8%
Employment	34,410	34,570	-0.5%	35,590	-3.3%
Unemployment	1,620	1,530	5.9%	1,470	10.2%
Unemployment Rate	4.5%	4.2%	xxx	4.0%	xxx
BISMARCK MSA					
Labor Force	48,350	48,440	-0.2%	49,000	-1.3%
Employment	46,540	46,530	0.0%	47,370	-1.8%
Unemployment	1,810	1,910	-5.2%	1,630	11.0%
Unemployment Rate	3.7%	3.9%	xxx	3.3%	xxx

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Grand Forks Metropolitan Statistical Area (MSA) includes Grand Forks County.

The Bismarck MSA includes Burleigh and Morton Counties.

The Fargo-Moorhead MSA includes Cass and Clay Counties.

BORDERING STATE LABOR FORCE COMPARISONS

(In Thousands)
JUNE 1990

	NORTH DAKOTA	MINNESOTA	SOUTH DAKOTA	MONTANA
Labor Force	335.3	2,404.3	365.7	410.5
Employment	321.5	2,303.3	351.3	387.7
Unemployment	13.8	101.0	14.4	22.8
Unemployment Rate	4.1%	4.2%	3.9%	5.5%

UNITED STATES

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	JULY 1990	JUNE 1990	JULY 1989	JULY 1990	JUNE 1990	JULY 1989	JULY 1990	JUNE 1990	JULY 1989
MANUFACTURING	440.64	445.52	424.04	40.5	41.1	40.5	10.88	10.84	10.47
Durable Goods	465.03	473.71	449.49	40.9	41.7	40.9	11.37	11.36	10.99
Nondurable Goods	406.58	406.42	390.80	39.9	40.2	40.0	10.19	10.11	9.77

NORTH DAKOTA

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	July 1990	June 1990	July 1989	July 1990	June 1990	July 1989	July 1990	June 1990	July 1989
MANUFACTURING	337.69	358.18	350.06	37.9	40.2	39.6	8.91	8.91	8.84
Durable Goods	379.44	378.71	375.16	38.6	41.8	41.5	9.83	9.06	9.04
Nondurable Goods	286.04	333.21	321.27	37.1	38.3	37.4	7.71	8.70	8.59
Food & Kindred	331.30	332.73	331.60	39.3	39.8	40.0	8.43	8.36	8.29

FARGO-MOORHEAD MSA

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	July 1990	June 1990	July 1989	July 1990	June 1990	July 1989	July 1990	June 1990	July 1989
MANUFACTURING	383.66	339.68	370.51	42.3	38.6	39.5	9.07	8.80	9.38
Durable Goods	381.05	344.44	356.13	43.4	41.3	40.7	8.78	8.34	8.75
Nondurable Goods	386.46	334.87	385.82	41.2	35.7	38.2	9.38	9.38	10.10

U. S. CONSUMER PRICE INDEX

ALL URBAN CONSUMERS

(1982-84=100)

ITEM	ANNUAL AVERAGE 1989	JULY 1990	JUNE 1990	Percent Change From JUNE 1990	JULY 1989	Percent Change From JULY 1989
All Items	124.0	130.4	129.9	0.4%	124.4	4.8%
Food & Beverage	124.9	132.4	131.7	0.5%	125.4	5.6%
Housing	123.0	129.2	128.3	0.7%	123.9	4.3%
Apparel & Upkeep	118.6	120.8	123.3	-2.0%	115.0	5.0%
Transportation	114.1	118.4	118.2	0.2%	115.4	2.6%
Medical Care	149.3	163.5	161.9	1.0%	149.7	9.2%
Entertainment	126.5	132.7	131.9	0.6%	126.9	4.6%
All Other	147.7	159.2	157.8	0.9%	147.3	8.1%

PRODUCER PRICE INDEX

UNITED STATES AVERAGE

ITEM	ANNUAL AVERAGE 1989	JULY 1990	JUNE 1990	Percent Change From JUNE 1990	JULY 1989	Percent Change From JULY 1989
All Commodities	112.2	114.3	114.2	0.1%	112.8	1.3%
Farm Products & Processed Foods and Feeds	115.3	120.0	119.7	0.3%	115.2	4.2%
Industrial Commodities	111.6	113.2	113.1	0.1%	112.2	0.9%

LABOR FORCE - BY COUNTY - BY REGION

	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE		
	JULY'90	JUNE'90	JULY'89	JULY'90	JUNE'90	JULY'89	JULY'90	JUNE'90	JULY'89	JULY'90	JUNE'90	JULY'89
Divide	1,436	1,498	1,525	1,413	1,476	1,498	23	22	27	1.6%	1.5%	1.8%
McKenzie	2,859	2,983	3,062	2,776	2,879	2,968	83	104	94	2.9%	3.5%	3.1%
Williams	11,391	11,334	12,036	10,992	10,912	11,522	399	422	514	3.5%	3.7%	4.3%
REGION 1	15,686	15,815	16,623	15,181	15,267	15,988	505	548	635	3.2%	3.5%	3.8%
Bottineau	3,454	3,644	3,578	3,306	3,466	3,458	148	178	120	4.3%	4.9%	3.4%
Burke	1,271	1,279	1,357	1,207	1,229	1,317	64	50	40	5.0%	3.9%	2.9%
McHenry	2,628	2,657	2,699	2,407	2,397	2,508	221	260	191	8.4%	9.8%	7.1%
Mountrail	3,436	3,452	3,495	3,255	3,247	3,291	181	205	204	5.3%	5.9%	5.8%
Pierce	2,659	2,683	2,733	2,589	2,617	2,688	70	66	45	2.6%	2.5%	1.6%
Renville	1,242	1,231	1,288	1,192	1,178	1,243	45	53	45	3.6%	4.3%	3.5%
Ward	26,074	25,972	27,217	25,089	24,912	26,204	985	1,060	1,013	3.8%	4.1%	3.7%
REGION 2	40,764	40,918	42,367	39,050	39,046	40,709	1,714	1,872	1,658	4.2%	4.6%	3.9%
Benson	2,720	2,796	3,162	2,422	2,464	2,948	298	332	214	11.0%	11.9%	6.8%
Cavalier	2,690	2,702	2,801	2,568	2,574	2,685	122	128	116	4.5%	4.7%	4.1%
Eddy	1,504	1,576	1,552	1,426	1,470	1,480	78	106	72	5.2%	6.7%	4.6%
Ramsey	7,012	6,992	6,977	6,798	6,769	6,814	214	223	163	3.1%	3.2%	2.3%
Rolette	4,719	4,676	4,695	3,775	3,704	3,921	944	972	774	20.0%	20.8%	16.5%
Towner	1,770	1,736	1,906	1,731	1,689	1,876	39	47	30	2.2%	2.7%	1.6%
REGION 3	20,415	20,478	21,093	18,720	18,670	19,724	1,695	1,808	1,369	8.3%	8.8%	6.5%
Grand Forks	36,021	36,107	37,051	34,405	34,574	35,586	1,616	1,533	1,465	4.5%	4.2%	4.0%
Nelson	1,938	1,989	2,028	1,880	1,925	1,970	58	64	58	3.0%	3.2%	2.9%
Pembina	5,763	5,565	5,825	5,271	5,122	5,376	492	443	449	8.5%	8.0%	7.7%
Walsh	7,951	7,842	8,386	7,572	7,423	8,016	379	419	370	4.8%	5.3%	4.4%
REGION 4	51,673	51,503	53,290	49,128	49,044	50,948	2,545	2,459	2,342	4.9%	4.8%	4.4%
Cass	62,047	62,096	63,211	60,730	60,766	61,982	1,317	1,330	1,229	2.1%	2.1%	1.9%
Ransom	2,801	2,771	2,955	2,739	2,692	2,899	62	79	56	2.2%	2.9%	1.9%
Richland	8,754	8,845	8,964	8,325	8,454	8,596	429	391	368	4.9%	4.4%	4.1%
Sargent	2,864	2,892	2,948	2,827	2,850	2,877	37	42	71	1.3%	1.5%	2.4%
Steele	1,174	1,184	1,246	1,138	1,150	1,202	36	34	44	3.1%	2.9%	3.5%
Traill	4,557	4,524	4,640	4,354	4,346	4,459	203	178	181	4.5%	3.9%	3.9%
REGION 5	82,197	82,312	83,964	80,113	80,258	82,015	2,084	2,054	1,949	2.5%	2.5%	2.3%

LABOR FORCE - BY COUNTY - BY REGION

	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE		
	JULY '90	JUNE '90	JULY '89	JULY '90	JUNE '90	JULY '89	JULY '90	JUNE '90	JULY '89	JULY '90	JUNE '90	JULY '89
Barnes	5,916	6,015	6,062	5,773	5,855	5,902	143	160	160	2.4%	2.7%	2.6%
Dickey	3,196	3,240	3,251	3,137	3,176	3,192	59	64	59	1.8%	2.0%	1.8%
Foster	2,297	2,346	2,295	2,238	2,272	2,239	59	74	56	2.6%	3.2%	2.4%
Griggs	1,647	1,641	1,745	1,603	1,594	1,699	44	47	46	2.7%	2.9%	2.6%
La Moure	2,373	2,364	2,485	2,320	2,305	2,420	53	59	65	2.2%	2.5%	2.6%
Logan	1,529	1,556	1,572	1,488	1,503	1,550	41	53	22	2.7%	3.4%	1.4%
McIntosh	2,361	2,346	2,400	2,282	2,316	2,363	79	30	37	3.3%	1.3%	1.5%
Stutsman	11,987	12,112	12,504	11,644	11,711	12,114	343	401	390	2.9%	3.3%	3.1%
Wells	2,862	2,819	3,031	2,726	2,663	2,898	136	156	133	4.8%	5.5%	4.4%
REGION 6	34,168	34,439	35,345	33,211	33,395	34,377	957	1,044	968	2.8%	3.0%	2.7%
Burleigh	35,385	35,400	35,820	34,151	34,145	34,759	1,234	1,255	1,061	3.5%	3.5%	3.0%
Emmons	2,253	2,241	2,378	2,178	2,162	2,290	75	79	88	3.3%	3.5%	3.7%
Grant	1,981	1,965	2,051	1,906	1,904	1,981	75	61	70	3.8%	3.1%	3.4%
Kidder	1,585	1,631	1,617	1,471	1,512	1,528	114	119	89	7.2%	7.3%	5.5%
McLean	4,448	4,513	4,588	4,234	4,276	4,338	214	237	250	4.8%	5.3%	5.4%
Mercer	5,744	5,780	5,935	5,435	5,418	5,632	309	362	303	5.4%	6.3%	5.1%
Morton	12,963	13,041	13,180	12,388	12,385	12,608	575	656	572	4.4%	5.0%	4.3%
Oliver	1,058	1,101	1,145	1,014	1,056	1,082	44	45	63	4.2%	4.1%	5.5%
Sheridan	1,313	1,273	1,326	1,279	1,236	1,287	34	37	39	2.6%	2.9%	2.9%
Sioux	1,219	1,304	1,243	837	884	866	382	420	377	31.3%	32.2%	30.3%
REGION 7	67,949	68,249	69,283	64,893	64,978	66,371	3,056	3,271	2,912	4.5%	4.8%	4.2%
Adams	1,804	1,747	1,846	1,768	1,715	1,811	36	32	35	2.0%	1.8%	1.9%
Billings	1,066	1,036	1,145	1,049	1,015	1,123	17	21	22	1.6%	2.0%	1.9%
Bowman	2,230	2,181	2,357	2,208	2,152	2,296	22	29	61	1.0%	1.3%	2.6%
Dunn	1,938	1,961	1,954	1,873	1,863	1,838	65	98	116	3.4%	5.0%	5.9%
Gldn Valley	1,089	1,026	1,135	1,070	1,015	1,114	19	11	21	1.7%	1.1%	1.9%
Hettinger	1,877	1,883	1,964	1,818	1,800	1,914	59	83	50	3.1%	4.4%	2.5%
Slope	485	487	516	466	460	486	19	27	30	3.9%	5.5%	5.8%
Stark	11,267	11,256	12,132	10,907	10,847	11,680	360	409	452	3.2%	3.6%	3.7%
REGION 8	21,756	21,577	23,049	21,159	20,867	22,262	597	710	787	2.7%	3.3%	3.4%
STATE												
TOTALS	334,603	335,292	345,016	321,452	321,527	332,396	13,151	13,765	12,620	3.9%	4.1%	3.7%

DEFINITIONS

EMPLOYED: A count of individuals 16 years of age or older who worked for pay any time during the week which included the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

UNEMPLOYED: Includes all individuals who did not work during the survey week, but were available for work except for temporary illness, and had looked for jobs within the preceding four weeks.

LABOR FORCE: The sum of the employed and the unemployed.

UNEMPLOYMENT RATE: The number of unemployed as a percent of the total labor force.

CONSUMER PRICE INDEX: A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often called the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

PRODUCER PRICE INDEX: This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all states of processing. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT: An estimate of all full- and part-time wage and salary employees who worked during, or received pay from the pay period which included the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

JOB SERVICE OFFICE LOCATIONS

BISMARCK
216 Second Street
Phone: 224-2880

BEULAH
119 East Main
Phone: 873-5607

DEVILS LAKE
301 South College Drive
Phone: 662-2181

DICKINSON
66 Osborn Drive
Phone: 227-2361

FARGO
1350 32nd Street South
Phone: 237-7113

ND SU-FARGO
Job Information and
Placement Center
211 Ceres Hall
Phone: 237-7111

FORT TOTTEN
Tribal Building
Phone: 766-4221, Ext. 45

FORT YATES
Job Service Building
Phone: 854-7463

GRAFTON
927 12th St. West
Phone: 352-2202

GRAND FORKS
2016 South Washington
Phone: 777-3711

UND-GRAND FORKS
McCannel Hall- Room 141
Phone: 777-3904

HARVEY
119 9th St. West
Phone: 324-4552

JAMESTOWN
429 2nd Street Southwest
Phone: 251-2256

MANDAN
501 1st Street Northwest
Phone: 663-6461

MINOT
3416 North Broadway
Phone: 857-7650

NEW TOWN
Tribal Administration Building
Phone: 627-4390

OAKES
517 Main Ave.
PHONE: 742-2546

ROLLA
103 East Main
Phone: 477-5631

VALLEY CITY
2425 West Main
Phone: 845-7261

WAHPETON
524 2nd Avenue North
Phone: 671-2711

WILLISTON
422 1st Avenue West
Phone: 774-4370

Job Service North Dakota
Research and Statistics - LMA
1000 East Divide
P.O. Box 1537
Bismarck, North Dakota 58502

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BETHESDA MD 20814



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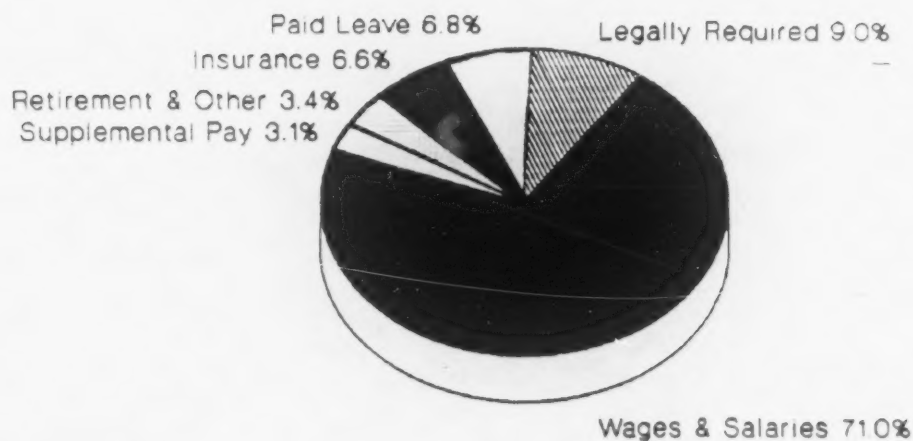
August, 1990

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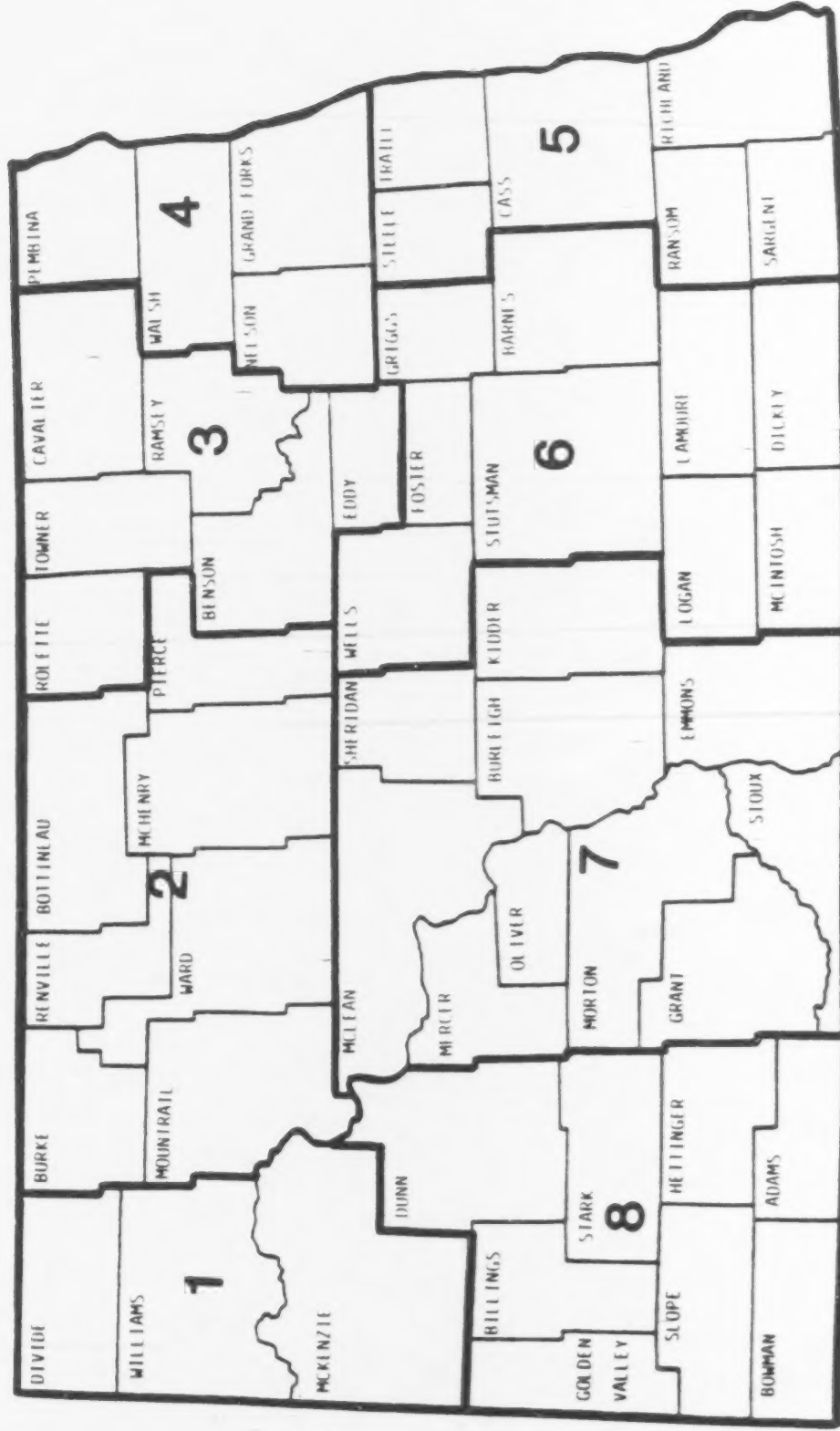
The North Dakota Labor Market Advisor

EMPLOYEE COMPENSATION MIDWEST REGION - MARCH 1990



NORTH DAKOTA STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.



**THE
NORTH DAKOTA
LABOR MARKET ADVISOR**

August, 1990

**GEORGE A. SINNER, GOVERNOR
STATE OF NORTH DAKOTA**

Job Service North Dakota
1000 East Divide
Bismarck, North Dakota 58501

**Micheal V. Delsz
Executive Director**

A Monthly Publication Prepared by
Research and Statistics
Tom Pederson, Chief (701) 224-2868

COSTS OF EMPLOYEE COMPENSATION

The primary cost of employment for all employers is the wage or salary paid to employees. But there are other costs involved. Some are mandatory while others are provided by the employer as fringe benefits.

Beginning in 1987, a new publication entitled Employer Costs for Employee Compensation was produced by the Bureau of Labor Statistics. The annual publication, based on March data, is released the latter part of June. The data relates to employers in the private sector and contains a wealth of information by region, industry, occupation, etc. Employers may wish to summarize their employee costs and compare them with the published data. Although the figures may not be exact, they should provide a comparison with employers across the U.S.

In March 1990, the average compensation for employees in the U.S. was \$14.96 per hour. Only \$10.84 (72.4% of the total) was actual gross earnings of the employee. The difference, \$4.13 (27.6%), was paid by the employer for a variety of benefits.

The Midwest average, at \$14.62 per hour, was below the Northeastern section where the highest average compensation was \$17.02, but well above the compensation paid in the Southern region where the average was only \$13.22. The gross earnings of the employees in the Midwest region was \$10.38, but the employer also paid \$4.24 per hour for a variety of benefits. The greatest cost was for legally required benefits for which the employer paid \$1.32. These benefits included social security, federal and state unemployment insurance contributions and workers' compensation. Paid leave amounted to an even \$1.00 per hour and included vacations, holidays and sick leave. Insurance was a close third at a cost of \$.97, with retirement, savings plans and other benefits costing the employer

\$.50 per hour. Supplemental pay, which includes premium pay for overtime, shift differentials and nonproduction bonuses, added another \$.45 to the total cost.

EMPLOYEE FRINGE BENEFIT COSTS
MIDWEST REGION - MARCH 1990



Total compensation costs by major industry divisions are not available for the Midwest region. The following information is the average for the U.S. Employees in transportation, communications and utilities had the highest compensation at \$21.48 per hour. However, salaries represented only 68.6% of the total, which was the lowest percentage of all industries. The lowest total compensation was in retail trade at \$8.52. Many of the staff work part time and receive limited benefits. It is not surprising that 77% of total compensation was in the form of salaries. The only area where the ratio of benefits was high for this industry was in the area of legally required items such as social security, workers' compensation, etc.

The proportion of wages to total compensation has decreased by 8/10ths of one percent since 1987. The proportional costs for leave, supplemental pay and miscellaneous benefits have remained quite stable during this time. However, there have been major shifts in the cost of insurance, retirement, and legally required benefits. The proportion of compensation to provide insurance coverage rose from 5.4% of the total in 1987

to 6.1% in 1990. Medical costs continue to rise rapidly with health insurance companies paying a large proportion of these expenses. With rising disbursements, the insurance companies pass the costs on to the policyholders. Many employers pay the entire cost, or a large portion of it, accounting for the increase in this sector.

Legally required benefits rose 6/10ths of one percent during this same period. This is an area over which the employer has limited control. As costs for these benefits trended upward, the proportion to total wages has moved in the same direction. In most cases, costs for both workers' compensation and unemployment insurance are based on past experience. If an employer is safety conscious, he may be able to reduce accidents. Reduced charges to his workers' compensation account may result in lower premium payments. Planning by an employer, which results in reduced layoffs, may also result in savings. Unemployment benefit payments paid to former employees are charged to the employer's account and may cause his rate to increase.

While insurance and legally required benefits accounted for an increased share of total compensation, the share to provide retirement decreased. There may be a number of reasons why this occurred. Retirement benefits are usually provided for full-time, permanent employees. There has been a trend in the use of part-time workers who normally receive only legally required benefits. Some companies offer retirement plans for their employees, but do not participate in the cost of these plans.

Wage costs have risen steadily from \$9.83 per hour in 1987 to \$10.84 in 1990, a gain of \$1.01. At the same time, other compensation rose from \$3.60 to \$4.13, a gain of \$.53. While the dollar value increase in wages exceeded that in other compensation, the proportional increase was far greater for other compensation (14.7%) compared to wages (10.3%).

Other compensation, commonly referred to as fringe benefits, is an important consideration for employees seeking work. At the same time, it is a major expense for the employer. Costs for these items will continue to rise along with wages. While there is no way to determine if they will continue to grow at a faster pace than wages, they will continue to be an important consideration in job selection by the worker and the cost of doing business for the employer.

Dale R. Dehlin
Research Analyst

**NORTH DAKOTA
NONAG WAGE AND SALARY EMPLOYMENT**

(Rounded to Fifty)

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	August 1990	July 1990	July 1990	August 1989	August 1989
TOTAL	265,200	265,700	-0.2%	260,100	2.0%
GOODS PRODUCING	33,750	33,250	1.5%	32,600	3.5%
MINING	4,500	4,550	-1.1%	4,300	4.7%
Coal	1,050	1,050	0.0%	1,100	-4.5%
Crude Petroleum & Nat. Gas	3,000	3,000	0.0%	2,700	11.1%
Other Mining	450	500	-10.0%	500	-10.0%
CONSTRUCTION	12,200	11,800	3.4%	12,100	0.8%
Building Construction	3,000	2,900	3.4%	3,100	-3.2%
Street, Highway & Heavy	3,300	3,200	3.1%	3,200	3.1%
Special Trade Construction	5,900	5,700	3.5%	5,800	1.7%
MANUFACTURING	17,050	16,900	0.9%	16,200	5.2%
Durable Goods	9,150	9,000	1.7%	8,250	10.9%
Primary & Fab. Metals	1,200	1,200	0.0%	1,100	9.1%
Machinery & Trans. Equip	5,450	5,300	2.8%	4,900	11.2%
Machinery & Electric	3,900	3,900	0.0%	3,600	8.3%
Transportation Equipment	1,550	1,400	10.7%	1,300	19.2%
Other Durables	2,500	2,500	0.0%	2,250	11.1%
Lumber & wood	1,200	1,200	0.0%	1,000	20.0%
Misc Durable	1,300	1,300	0.0%	1,250	4.0%
Nondurable Goods	7,900	7,900	0.0%	7,950	-0.6%
Food & Kindred Products	3,950	3,900	1.3%	3,850	2.6%
Dairy Products	700	700	0.0%	750	-6.7%
Bakery Products	1,000	950	5.3%	800	25.0%
Sugar & Confectionary	600	600	0.0%	600	0.0%
Other Foods	1,650	1,650	0.0%	1,700	-2.9%
Printing & Publishing	2,500	2,500	0.0%	2,500	0.0%
Other Nondurable Goods	1,450	1,500	-3.3%	1,600	-9.4%
SERVICES PRODUCING	231,450	232,450	-0.4%	227,500	1.7%
TRAN, COMM & UTILITIES	17,200	17,150	0.3%	17,000	1.2%
Transportation	8,800	8,750	0.6%	8,700	1.1%
Trucking & Warehousing	5,100	5,000	2.0%	5,000	2.0%
Other Transportation	3,700	3,750	-1.3%	3,700	0.0%
Railroads	1,850	1,850	0.0%	1,900	-2.6%
Local & Suburban Transport	650	700	-7.1%	750	-13.3%
Water, Air & Pipeline	1,200	1,200	0.0%	1,050	14.3%
Communications	3,500	3,500	0.0%	3,500	0.0%
Utilities	4,900	4,900	0.0%	4,800	2.1%
WHOLESALE TRADE	19,600	19,700	-0.5%	19,900	-1.5%
Durable Goods	9,100	9,200	-1.1%	9,200	-1.1%
Nondurable Goods	10,500	10,500	0.0%	10,700	-1.9%

**NORTH DAKOTA
NONAG WAGE AND SALARY EMPLOYMENT**

(Rounded to Fifty)

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	August 1990	July 1990	July 1990	August 1989	August 1989
RETAIL TRADE	51,050	51,050	0.0%	50,700	0.7%
Hardware & Garden	2,500	2,500	0.0%	2,600	-3.8%
General Merchandise	6,300	6,200	1.6%	6,400	-1.6%
Food Stores	7,200	7,100	1.4%	7,300	-1.4%
Auto & Service Stations	6,900	7,000	-1.4%	6,700	3.0%
Apparel & Accessory	2,600	2,600	0.0%	2,600	0.0%
Furniture Stores	1,650	1,650	0.0%	1,600	3.1%
Eating & Drinking Places	18,400	18,600	-1.1%	18,400	0.0%
Misc Retail	5,500	5,400	1.9%	5,100	7.8%
FINANCE, INS & REAL ESTATE	12,500	12,650	-1.2%	12,400	0.8%
Finance	6,600	6,600	0.0%	6,650	-0.8%
Banking	5,700	5,700	0.0%	5,700	0.0%
Other Finance	900	900	0.0%	950	-5.3%
Insurance	3,950	4,100	-3.7%	3,850	2.6%
Insurance Underwriters	2,500	2,600	-3.8%	2,500	0.0%
Ins. Agents & Brokers	1,450	1,500	-3.3%	1,350	7.4%
Real Estate	1,950	1,950	0.0%	1,900	2.6%
SERVICES	69,600	69,600	0.0%	66,400	4.8%
Lodging	4,600	4,600	0.0%	4,500	2.2%
Personal & Business	8,200	8,200	0.0%	7,800	5.1%
Personal Services	3,100	3,100	0.0%	3,100	0.0%
Business Services	5,100	5,100	0.0%	4,700	8.5%
Recreational Services	2,900	3,000	-3.3%	2,800	3.6%
Health Services	29,000	28,900	0.3%	27,700	4.7%
Nursing & Hospital	21,200	21,100	0.5%	20,200	5.0%
Other Health	7,800	7,800	0.0%	7,500	4.0%
Membership Organizations	8,000	8,100	-1.2%	8,100	-1.2%
Educational Services	2,500	2,400	4.2%	2,500	0.0%
Social Services	6,600	6,600	0.0%	5,600	17.9%
Other Services	7,800	7,800	0.0%	7,400	5.4%
Auto & Misc Repair	2,400	2,400	0.0%	2,200	9.1%
Legal Services	1,500	1,500	0.0%	1,500	0.0%
Misc Services	3,900	3,900	0.0%	3,700	5.4%
GOVERNMENT	61,500	62,300	-1.3%	61,100	0.7%
Federal	10,600	10,500	1.0%	10,300	2.9%
State & Local	50,900	51,800	-1.7%	50,800	0.2%
State Government	17,300	17,800	-2.8%	17,600	-1.7%
Educational Services	10,000	10,400	-3.8%	10,100	-1.0%
Other State Government	7,300	7,400	-1.4%	7,500	-2.7%
Local Government	33,600	34,000	-1.2%	33,200	1.2%
Educational Services	14,000	14,000	0.0%	13,500	3.7%
Other Local Government	19,600	20,000	-2.0%	19,700	-0.5%

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	August 1990	July 1990	July 1990	August 1989	August 1989
FARGO-MOORHEAD MSA					
TOTAL	76,100	76,400	-0.4%	72,950	4.3%
GOODS PRODUCING	10,750	10,350	1.9%	9,950	8.0%
MINING & CONSTRUCTION	4,900	4,800	2.1%	4,600	6.5%
Special Trades	2,500	2,400	4.2%	2,300	8.7%
Other Construction & Mining	2,400	2,400	0.0%	2,300	4.3%
MANUFACTURING	5,850	5,750	1.7%	5,350	9.3%
Durable Goods	2,900	2,850	1.8%	2,650	9.4%
Fabricated Metal & Machinery	1,550	1,500	3.3%	1,450	6.9%
Other Durable Goods	1,350	1,350	0.0%	1,200	12.5%
Nondurable Goods	2,950	2,900	1.7%	2,700	9.3%
Food & Kindred	1,900	1,850	2.7%	1,700	11.8%
Other Nondurables	1,050	1,050	0.0%	1,000	5.0%
SERVICES PRODUCING	65,350	65,850	-0.8%	63,000	3.7%
TRANS, COMM & UTIL	4,700	4,750	-1.1%	4,700	0.0%
Trucking & Warehousing	950	950	0.0%	900	5.6%
Other Transportation	2,100	2,100	0.0%	2,100	0.0%
Communications & Utilities	1,650	1,700	-2.9%	1,700	-2.9%
WHOLESALE TRADE	6,700	6,800	-1.5%	6,800	-1.5%
Durable	3,900	4,000	-2.5%	3,800	2.6%
Nondurable	2,800	2,800	0.0%	3,000	-6.7%
RETAIL TRADE	15,100	15,100	0.0%	14,800	2.0%
General Merchandise & Apparel	3,000	3,000	0.0%	2,800	7.1%
Food Stores	1,750	1,750	0.0%	2,000	-12.5%
Auto Dealers & Svc. Stations	1,950	1,950	0.0%	1,700	14.7%
Eating & Drinking Places	5,700	5,700	0.0%	5,600	1.8%
Other Retail	2,700	2,700	0.0%	2,700	0.0%
FINANCE, INS & R E	4,600	4,600	0.0%	4,500	2.2%
Finance	2,100	2,100	0.0%	2,000	5.0%
Insurance Carriers	1,450	1,450	0.0%	1,450	0.0%
Other Fin, Ins. & R.Estate	1,050	1,050	0.0%	1,050	0.0%
SERVICES	21,550	21,600	-0.2%	20,250	6.4%
Lodging	1,400	1,350	3.7%	1,350	3.7%
Personal & Business	3,600	3,600	0.0%	3,400	5.9%
Recreation & Amusement	900	1,000	-10.0%	900	0.0%
Health Services	8,200	8,200	0.0%	7,700	6.5%
Educational Services	1,500	1,500	0.0%	1,400	7.1%
Social Services	1,750	1,750	0.0%	1,550	12.9%
Membership Services	1,400	1,400	0.0%	1,350	3.7%
Other Services	2,800	2,800	0.0%	2,600	7.7%
GOVERNMENT	12,700	13,000	-2.3%	11,950	6.3%
Federal	2,300	2,300	0.0%	2,200	4.5%
State	4,500	4,700	-4.3%	4,250	5.9%
State School	3,900	4,100	-4.9%	3,700	5.4%
Other State	600	600	0.0%	550	9.1%
Local	5,900	6,000	-1.7%	5,500	7.3%
Local School	3,000	3,100	-3.2%	2,700	11.1%
Other Local	2,900	2,900	0.0%	2,800	3.6%

**NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT**

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	August 1990	July 1990	July 1990	August 1989	August 1989
GRAND FORKS MSA					
TOTAL	30,850	30,750	0.3%	30,100	2.5%
GOODS PRODUCING	2,900	2,800	3.6%	3,200	-9.4%
MINING & CONSTRUCTION	1,700	1,600	6.3%	1,850	-8.1%
MANUFACTURING	1,200	1,200	0.0%	1,350	-11.1%
Durable Goods	450	450	0.0%	550	-18.2%
Nondurable Goods	750	750	0.0%	800	-6.3%
SERVICES PRODUCING	27,950	27,950	0.0%	26,900	3.9%
TRANS, COMM. & UTIL.	1,650	1,650	0.0%	1,550	6.5%
Transportation	1,000	1,000	0.0%	950	5.3%
Communications & Utilities	650	650	0.0%	600	8.3%
WHOLESALE TRADE	1,700	1,700	0.0%	1,600	6.3%
RETAIL TRADE	7,800	7,700	1.3%	7,350	6.1%
General Merchandise & Apparel	1,900	1,800	5.6%	1,850	2.7%
Eating & Drinking Places	2,900	2,900	0.0%	2,700	7.4%
Other Retail	3,000	3,000	0.0%	2,800	7.1%
FINANCE, INS. & R E	1,200	1,200	0.0%	1,100	9.1%
SERVICES	7,100	7,100	0.0%	7,000	1.4%
Personal & Business	900	900	0.0%	900	0.0%
Health	2,800	2,800	0.0%	2,800	0.0%
Other Services	3,400	3,400	0.0%	3,300	3.0%
GOVERNMENT	8,500	8,600	-1.2%	8,300	2.4%
Federal	1,500	1,550	-3.2%	1,500	0.0%
State	4,600	4,600	0.0%	4,600	0.0%
State School	4,100	4,100	0.0%	4,100	0.0%
Other State	500	500	0.0%	500	0.0%
Local	2,400	2,450	-2.0%	2,200	9.1%
Local School	1,050	1,050	0.0%	950	10.5%
Other Local	1,350	1,400	-3.6%	1,250	8.0%

**NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT**

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	August 1990	July 1990	July 1990	August 1989	August 1989
BISMARCK MSA					
TOTAL	40,450	40,250	0.5%	39,200	3.2%
GOODS PRODUCING	4,500	4,650	-3.2%	4,100	9.8%
MINING & CONSTRUCTION	2,200	2,300	-4.3%	1,850	18.9%
MANUFACTURING	2,300	2,350	-2.1%	2,250	2.2%
Durable Goods	950	1,000	-5.0%	950	0.0%
Nondurable Goods	1,350	1,350	0.0%	1,300	3.8%
SERVICES PRODUCING	35,950	35,600	1.0%	35,100	2.4%
TRANS. COMM. & UTIL.	3,100	3,050	1.6%	2,800	10.7%
Transportation	1,250	1,250	0.0%	1,150	8.7%
Communications & Utilities	1,850	1,800	2.8%	1,650	12.1%
WHOLESALE TRADE	2,300	2,300	0.0%	2,300	0.0%
RETAIL TRADE	8,300	8,200	1.2%	8,250	0.6%
General Merchandise & Apparel	1,700	1,650	3.0%	1,700	0.0%
Food Stores	1,100	1,100	0.0%	1,100	0.0%
Auto Dealers & Svc. Stations	1,050	1,050	0.0%	1,150	-8.7%
Eating & Drinking Places	2,800	2,800	0.0%	2,700	3.7%
Other Retail	1,650	1,600	3.1%	1,600	3.1%
FINANCE, INS. & R E	1,500	1,500	0.0%	1,550	-3.2%
SERVICES	12,050	11,900	1.3%	11,750	2.6%
Lodging	900	900	0.0%	950	-5.3%
Personal & Business	1,450	1,500	-3.3%	1,350	7.4%
Health Services	5,100	5,000	2.0%	4,800	6.3%
Educational Services	450	350	28.6%	550	-18.2%
Social Services	1,200	1,200	0.0%	1,100	9.1%
Membership Services	1,150	1,150	0.0%	1,250	-8.0%
Other Services	1,800	1,800	0.0%	1,750	2.9%
GOVERNMENT	8,700	8,650	0.6%	8,450	3.0%
Federal	1,250	1,250	0.0%	1,200	4.2%
State	4,050	4,050	0.0%	3,950	2.5%
State Schools	250	250	0.0%	250	0.0%
Other State	3,800	3,800	0.0%	3,700	2.7%
Local	3,400	3,350	1.5%	3,300	3.0%
Local Schools	1,650	1,600	3.1%	1,500	10.0%
Other Local	1,750	1,750	0.0%	1,800	-2.8%

LABOR FORCE
NORTH DAKOTA AND MSA'S

	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	AUG 1990	JULY 1990	JULY 1990	AUG 1989	AUG 1989
UNITED STATES					
(In Thousands)					
Labor Force	126,301	126,394	-0.1%	125,758	0.4%
Employment	119,298	119,580	-0.2%	119,238	0.1%
Unemployment	7,003	6,814	2.8%	6,520	7.4%
Unemployment Rate	5.5%	5.4%	xxx	5.2%	xxx
NORTH DAKOTA					
Labor Force	338,130	334,600	1.1%	343,100	-1.4%
Employment	327,010	321,440	1.7%	329,920	-0.9%
Unemployment	11,120	13,160	-15.5%	13,180	-15.6%
Unemployment Rate	3.3%	3.9%	xxx	3.8%	xxx
FARGO-MOORHEAD MSA					
Labor Force	89,090	88,300	0.9%	87,780	1.5%
Employment	87,130	86,050	1.3%	85,570	1.8%
Unemployment	1,960	2,250	-12.9%	2,210	-11.3%
Unemployment Rate	2.2%	2.5%	xxx	2.5%	xxx
GRAND FORKS MSA					
Labor Force	36,510	35,970	1.5%	36,940	-1.2%
Employment	35,270	34,350	2.7%	35,250	0.1%
Unemployment	1,240	1,620	-23.5%	1,690	-26.6%
Unemployment Rate	3.4%	4.5%	xxx	4.6%	xxx
BISMARCK MSA					
Labor Force	49,330	48,350	2.0%	49,140	0.4%
Employment	47,840	46,540	2.8%	47,450	0.8%
Unemployment	1,490	1,810	-17.7%	1,690	-11.8%
Unemployment Rate	3.0%	3.7%	xxx	3.4%	xxx

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Grand Forks Metropolitan Statistical Area (MSA) includes Grand Forks County.

The Bismarck MSA includes Burleigh and Morton Counties.

The Fargo-Moorhead MSA includes Cass and Clay Counties.

BORDERING STATE LABOR FORCE COMPARISONS

(In Thousands)
JULY 1990

	NORTH DAKOTA	MINNESOTA	SOUTH DAKOTA	MONTANA
Labor Force	334.6	2,423.2	369.1	408.9
Employment	321.4	2,311.6	354.6	388.2
Unemployment	13.2	111.6	14.5	20.7
Unemployment Rate	3.9%	4.6%	3.9%	5.1%

UNITED STATES
MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	AUG 1990	JULY 1990	AUG 1989	AUG 1990	JULY 1990	AUG 1989	AUG 1990	JULY 1990	AUG 1989
MANUFACTURING	443.36	440.64	425.95	40.9	40.5	40.8	10.84	10.88	10.44
Durable Goods	469.99	466.58	453.47	41.3	41.0	41.3	11.38	11.38	10.98
Nondurable Goods	407.84	405.56	391.31	40.3	39.8	40.3	10.12	10.19	9.71

NORTH DAKOTA
MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1990	July 1990	August 1989	August 1990	July 1990	August 1989	August 1990	July 1990	August 1989
MANUFACTURING	351.95	352.24	351.92	39.5	39.4	39.9	8.91	8.94	8.82
Durable Goods	376.16	374.24	379.80	41.2	40.9	42.2	9.13	9.15	9.00
Nondurable Goods	320.78	323.51	318.69	37.3	37.4	37.1	8.60	8.65	8.59
Food & Kindred	322.15	337.60	332.93	37.9	40.0	39.4	8.50	8.44	8.45

FARGO-MOORHEAD MSA
MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1990	July 1990	August 1989	August 1990	July 1990	August 1989	August 1990	July 1990	August 1989
MANUFACTURING	347.60	356.90	362.78	39.1	39.7	38.8	8.89	8.99	9.35
Durable Goods	361.01	381.00	361.84	41.4	43.1	41.4	8.72	8.84	8.74
Nondurable Goods	333.60	332.32	363.24	36.7	36.2	36.0	9.09	9.18	10.09

U. S. CONSUMER PRICE INDEX

ALL URBAN CONSUMERS

(1982-84=100)

ITEM	ANNUAL AVERAGE 1989	AUG 1990	JULY 1990	Percent Change From JULY 1990	AUG 1989	Percent Change From AUG 1989
All Items	124.0	131.6	130.4	0.9%	124.6	5.6%
Food & Beverage	124.9	132.7	132.4	0.2%	125.6	5.7%
Housing	123.0	130.2	129.2	0.8%	124.2	4.8%
Apparel & Upkeep	118.6	122.2	120.8	1.2%	115.0	6.3%
Transportation	114.1	120.6	118.4	1.9%	114.3	5.5%
Medical Care	149.3	165.0	163.5	0.9%	150.7	9.5%
Entertainment	126.5	133.0	132.7	0.2%	127.3	4.5%
All Other	147.7	160.4	159.2	0.8%	148.7	7.9%

PRODUCER PRICE INDEX

UNITED STATES AVERAGE

ITEM	ANNUAL AVERAGE 1989	AUG 1990	JULY 1990	Percent Change From JULY 1990	AUG 1989	Percent Change From AUG 1989
All Commodities	112.2	116.5	114.3	1.9%	112.0	4.0%
Farm Products & Processed Foods and Feeds	115.3	119.2	120.0	-0.7%	115.0	3.7%
Industrial Commodities	111.6	115.9	113.2	2.4%	111.4	4.0%

LABOR FORCE - BY COUNTY - BY REGION

	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE		
	AUG'90	JULY'90	AUG'89	AUG'90	JULY'90	AUG'89	AUG'90	JULY'90	AUG'89	AUG'90	JULY'90	AUG'89
Divide	1,440	1,436	1,523	1,414	1,413	1,493	26	23	30	1.8%	1.6%	2.0%
McKenzie	3,028	2,857	3,197	2,941	2,775	3,089	87	82	108	2.9%	2.9%	3.4%
Williams	11,665	11,386	11,962	11,315	10,988	11,535	350	398	427	3.0%	3.5%	3.6%
REGION 1	16,133	15,679	16,682	15,670	15,176	16,117	463	503	565	2.9%	3.2%	3.4%
Bottineau	3,427	3,452	3,540	3,307	3,304	3,403	120	148	137	3.5%	4.3%	3.9%
Burke	1,235	1,271	1,330	1,196	1,207	1,292	39	64	38	3.2%	5.0%	2.9%
McHenry	2,655	2,627	2,747	2,452	2,407	2,543	203	220	204	7.6%	8.4%	7.4%
Mountrail	3,485	3,434	3,499	3,291	3,255	3,274	194	179	225	5.6%	5.2%	6.4%
Pierce	2,644	2,657	2,720	2,599	2,587	2,656	45	70	64	1.7%	2.6%	2.4%
Renville	1,217	1,242	1,264	1,191	1,197	1,220	26	45	44	2.1%	3.6%	3.5%
Ward	26,153	26,073	26,602	25,270	25,082	25,602	883	991	1,000	3.4%	3.8%	3.8%
REGION 2	40,816	40,756	41,702	39,306	39,039	39,990	1,510	1,717	1,712	3.7%	4.2%	4.1%
Benson	2,743	2,716	3,229	2,483	2,421	2,997	260	295	232	9.5%	10.9%	7.2%
Cavalier	2,692	2,687	2,784	2,599	2,566	2,682	93	121	102	3.5%	4.5%	3.7%
Eddy	1,502	1,504	1,553	1,437	1,426	1,472	65	78	81	4.3%	5.2%	5.2%
Ramsey	7,118	7,006	6,982	6,954	6,795	6,790	164	211	192	2.3%	3.0%	2.7%
Rolette	4,832	4,716	4,943	4,024	3,772	4,071	808	944	872	16.7%	20.0%	17.6%
Towner	1,796	1,768	1,913	1,760	1,729	1,879	36	39	34	2.0%	2.2%	1.8%
REGION 3	20,683	20,397	21,404	19,257	18,709	19,891	1,426	1,688	1,513	6.9%	8.3%	7.1%
Grand Forks	36,514	35,965	36,932	35,270	34,347	35,245	1,244	1,618	1,687	3.4%	4.5%	4.6%
Nelson	1,955	1,937	2,034	1,898	1,880	1,962	57	57	72	2.9%	2.9%	3.5%
Pembina	5,766	5,762	5,702	5,230	5,270	5,228	536	492	474	9.3%	8.5%	8.3%
Walsh	7,835	7,947	8,146	7,468	7,570	7,754	367	377	392	4.7%	4.7%	4.8%
REGION 4	52,070	51,611	52,814	49,866	49,067	50,189	2,204	2,544	2,625	4.2%	4.9%	5.0%
Cass	63,085	62,157	62,522	62,026	60,843	61,248	1,059	1,314	1,274	1.7%	2.1%	2.0%
Ransom	2,822	2,800	2,955	2,778	2,738	2,888	44	62	67	1.6%	2.2%	2.3%
Richland	8,765	8,748	8,910	8,438	8,321	8,531	327	427	379	3.7%	4.9%	4.3%
Sargent	2,895	2,863	2,915	2,859	2,826	2,860	36	37	55	1.2%	1.3%	1.9%
Steele	1,182	1,174	1,273	1,155	1,138	1,224	27	36	49	2.3%	3.1%	3.8%
Trail	4,423	4,555	4,476	4,258	4,353	4,284	165	202	192	3.7%	4.4%	4.3%
REGION 5	83,172	82,297	83,051	81,514	80,219	81,035	1,658	2,078	2,016	2.0%	2.5%	2.4%

LABOR FORCE - BY COUNTY - BY REGION

	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE		
	AUG'90	JULY'90	AUG'89	AUG'90	JULY'90	AUG'89	AUG'90	JULY'90	AUG'89	AUG'90	JULY'90	AUG'89
Barnes	5,946	5,919	5,954	5,803	5,770	5,815	143	149	139	2.4%	2.5%	2.3%
Dickey	3,292	3,197	3,283	3,205	3,135	3,219	87	62	64	2.6%	1.9%	1.9%
Foster	2,328	2,296	2,304	2,268	2,237	2,226	60	59	78	2.6%	2.6%	3.4%
Griggs	1,615	1,646	1,711	1,589	1,603	1,668	26	43	43	1.6%	2.6%	2.5%
La Moure	2,347	2,372	2,441	2,308	2,319	2,395	39	53	46	1.7%	2.2%	1.9%
Logan	1,509	1,526	1,565	1,477	1,486	1,536	32	40	29	2.1%	2.6%	1.9%
McIntosh	2,337	2,361	2,417	2,308	2,282	2,370	29	79	47	1.2%	3.3%	1.9%
Stutsman	12,282	11,982	12,491	12,009	11,639	12,180	273	343	311	2.2%	2.9%	2.5%
Wells	2,795	2,860	2,948	2,676	2,725	2,806	119	135	142	4.3%	4.7%	4.8%
REGION 6	34,451	34,159	35,114	33,643	33,196	34,215	808	963	899	2.3%	2.8%	2.6%
Burleigh	36,114	35,393	35,978	35,102	34,155	34,818	1,222	1,238	1,160	2.8%	3.5%	3.2%
Emmons	2,267	2,253	2,389	2,216	2,178	2,313	51	75	76	2.2%	3.3%	3.2%
Grant	1,951	1,979	2,060	1,906	1,904	1,993	45	75	67	2.3%	3.8%	3.3%
Kidder	1,546	1,584	1,604	1,457	1,471	1,519	89	113	85	5.8%	7.1%	5.3%
McLean	4,469	4,455	4,556	4,293	4,233	4,315	176	222	241	3.9%	5.0%	5.3%
Mercer	5,738	5,747	5,866	5,499	5,432	5,555	239	315	311	4.2%	5.5%	5.3%
Morton	13,211	12,961	13,162	12,733	12,388	12,629	478	573	533	3.6%	4.4%	4.0%
Oliver	1,053	1,057	1,136	1,023	1,014	1,080	30	43	56	2.8%	4.1%	4.9%
Sheridan	1,283	1,312	1,307	1,253	1,278	1,270	30	34	37	2.3%	2.6%	2.8%
Sioux	1,197	1,217	1,278	852	837	859	345	380	419	28.8%	31.2%	32.8%
REGION 7	68,829	67,958	69,336	66,334	64,890	66,351	2,495	3,068	2,985	3.6%	4.5%	4.3%
Adams	1,790	1,803	1,812	1,761	1,767	1,778	29	36	34	1.6%	2.0%	1.9%
Billings	1,105	1,067	1,168	1,091	1,050	1,145	14	17	23	1.3%	1.6%	2.0%
Bowman	2,255	2,228	2,340	2,234	2,206	2,287	21	22	53	0.9%	1.0%	2.3%
Dunn	1,913	1,937	1,929	1,853	1,872	1,819	60	65	110	3.1%	3.4%	5.7%
Gldn Valley	1,101	1,087	1,132	1,086	1,068	1,111	15	19	21	1.4%	1.7%	1.9%
Hettinger	1,874	1,872	1,958	1,814	1,816	1,908	60	56	50	3.2%	3.0%	2.6%
Slope	491	492	530	467	466	495	24	26	35	4.9%	5.3%	6.6%
Stark	11,448	11,263	12,134	11,113	10,903	11,587	335	360	547	2.9%	3.2%	4.5%
REGION 8	21,977	21,749	23,003	21,419	21,148	22,130	558	601	873	2.5%	2.8%	3.8%
STATE TOTALS	338,127	334,607	343,104	327,006	321,446	329,920	11,120	13,161	13,184	3.3%	3.9%	3.8%

DEFINITIONS

EMPLOYED: A count of individuals 16 years of age or older who worked for pay any time during the week which included the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

UNEMPLOYED: Includes all individuals who did not work during the survey week, but were available for work except for temporary illness, and had looked for jobs within the preceding four weeks.

LABOR FORCE: The sum of the employed and the unemployed.

UNEMPLOYMENT RATE: The number of unemployed as a percent of the total labor force.

CONSUMER PRICE INDEX: A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often called the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

PRODUCER PRICE INDEX: This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all states of processing. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT: An estimate of all full- and part-time wage and salary employees who worked during, or received pay from the pay period which included the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

JOB SERVICE OFFICE LOCATIONS

BISMARCK
216 Second Street
Phone: 224-2880

BEULAH
119 East Main
Phone: 873-5607

DEVILS LAKE
301 South College Drive
Phone: 662-2181

DICKINSON
66 Osborn Drive
Phone: 227-2361

FARGO
1350 32nd Street South
Phone: 237-7113

NDSU-FARGO
Job Information and
Placement Center
211 Ceres Hall
Phone: 237-7111

FORT TOTTEN
Tribal Building
Phone: 766-4221, Ext. 45

FORT YATES
Job Service Building
Phone: 854-7463

GRAFTON
927 12th St. West
Phone: 352-2202

GRAND FORKS
2016 South Washington
Phone: 777-3711

UND-GRAND FORKS
McCannel Hall- Room 141
Phone: 777-3904

HARVEY
119 9th St. West
Phone: 324-4352

HETTINGER
606 2nd Avenue North
Phone: 567-2156

JAMESTOWN
429 2nd Street Southwest
Phone: 251-2256

MANDAN
501 1st Street Northwest
Phone: 663-8461

MINOT
3416 North Broadway
Phone: 857-7650

NEW TOWN
Tribal Administration Building
Phone: 627-4390

OAKES
517 Main Ave.
PHONE: 742-2546

ROLLA
103 East Main
Phone: 477-5631

VALLEY CITY
2425 West Main
Phone: 845-7261

WHAHPETON
524 2nd Avenue North
Phone: 671-2711

WILLISTON
422 1st Avenue West
Phone: 774-4370

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Research and Statistics - LMA
1000 East Divide
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